

2021

BALTIMORE METROPOLITAN REGION ANNUAL HIV EPIDEMIOLOGICAL PROFILE

Data reported through
June 30, 2022

CENTER FOR HIV
SURVEILLANCE,
EPIDEMIOLOGY AND
EVALUATION

Infectious Disease Prevention and
Health Services Bureau
Prevention and Health Promotion
Administration



Acknowledgements

This report is published by The Center for HIV Surveillance, Epidemiology and Evaluation (CHSEE). This report would not have been possible without the cooperation, dedication and hard work of HIV health care providers, local health departments, community groups, researchers, and members of the community.

This report was prepared by the following CHSEE staff: Morgan Boyer, Joseph Duda, Colin Flynn, Abigail Grady, Molly Gribbin, Elizabeth Kassens, Amber Lee, Kristen Lowe, Molly Lutrey, Shreya Patel, Michelle Ryan, Alyssa Risney, Jasmine Smith, Jami Stockdale.

Maryland Department of Health Non-Discrimination Statement

The Maryland Department of Health (MDH) complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability in its health programs and activities.

English

Help is available in your language: 410-767-5227 (TTY: 800-735-2258). These services are available for free.

Español/Spanish

Hay ayuda disponible en su idioma: 410-767-5227 (TTY: 800-735-2258). Estos servicios están disponibles gratis.

中文/Chinese

用您的语言为您提供帮助: 410-767-5227 (TTY: 800-735-2258). 这些服务都是免费的

Suggested Citation

Baltimore Metropolitan Region Annual HIV Epidemiological Profile 2021. Center for HIV Surveillance, Epidemiology and Evaluation, Maryland Department of Health, Baltimore, MD. 2022.

On the Web

<https://health.maryland.gov/phpa/OIDEOR/CHSE/SiteAssets/Pages/statistics/Baltimore-Metropolitan-Region-Annual-HIV-Epidemiological-Profile-2021.pdf>

Additional Information and Reporting Instructions

<https://health.maryland.gov/phpa/OIDEOR/CHSE/Pages/reporting-material.aspx>

Email: mdh.hivdatarequest@maryland.gov

Table of Contents

Section I – Summary of Analyses and Technical Notes	5
Section II – Trends 1985-2021.....	9
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022	9
Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022	10
Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, among Current Residents, 2012-2021, Reported through June 30, 2022	11
Figure 4 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2021, Reported through June 30, 2022	12
Figure 5 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2021, Reported through June 30, 2022	14
Figure 6 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2021, Reported through June 30, 2022	16
Figure 7 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2021, Reported through June 30, 2022	18
Section III – Continuum of Care Cascades	20
Figure 8 – Prevalence-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Baltimore Metropolitan Region Residents Aged 13+, Reported through June 30, 2022	20
Figure 9 – Diagnosis-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Baltimore Metropolitan Region Residents Aged 13+, Reported through June 30, 2022	21
Section IV – By Jurisdiction.....	22
Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, among People Aged 13+ during 2021, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2022	22
Table 2 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Jurisdiction Residence at Diagnosis, Reported through June 30, 2022	22
Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2022	22
Table 4 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022	23
Table 5 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022	23
Section V – By Age.....	24
Table 6 – Reported HIV Diagnoses during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2022	24
Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022	24
Table 8 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022	24
Table 9 – Viral Load Test Results during 2021 for People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022	25
Section VI – By Demographics	26

Table 10 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022	26
Table 11 – Reported HIV Diagnoses, among People Aged 13+ during 2021 by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022	27
Table 12 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022	28
Table 13 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022	29
Table 14 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022	30
Table 15 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022	31
Table 16 – Females Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022	32
Table 17 – Males Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022	33
Section VII – By HIV Exposure Category	34
Table 18 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022	34
Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022	35
Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2021, and Reported through June 30, 2022	36
Table 21 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022	37
Table 22 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022 ...	37
Section VIII – Disease Progression and Mortality	38
Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2020, Reported through June 30, 2022	38
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2020, Reported through June 30, 2022	40
Section IX – Pediatrics	42
Figure 12 – Trends in Reported HIV Diagnoses among People Aged <13, 1985-2021, Reported through June 30, 2022	42
Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022	44
Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022	44
Glossary of Terms.....	45

Section I – Summary of Analyses and Technical Notes

Highlights of Analyses

CHSEE in MDH is responsible for the collection, analysis, and dissemination of HIV surveillance data for the state of Maryland. The annual epidemiological profiles, fact sheets, maps and other reports are provided to summarize information about the HIV epidemic in Maryland.

All rates presented below are per 100,000 population.

HIV Diagnoses

During 2021, there were 345 reported HIV diagnoses in the Baltimore Metropolitan Region. The Baltimore Metropolitan Region includes Anne Arundel County, Baltimore City, Baltimore County, Carroll County, Harford County, Howard County, and Queen Anne's County. Data presented below describe HIV diagnoses in the Baltimore Metropolitan Region, among people ages 13 years and older, during 2021.

- Geographic distribution: Baltimore City accounted for the highest number (161, 46.7%) and highest rate (32.8) of HIV diagnoses.
- Age: Persons aged 20-29 years accounted for the highest number (106, 30.7%) of HIV diagnoses and the highest rate (27.4).
- Sex at Birth: Males accounted for the highest number (264, 76.5%) of HIV diagnoses. The rate among males was 23.0 and 6.5 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (257, 74.5%) and the highest rate (36.9).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (189, 54.6%) of diagnoses.

People Living with Diagnosed HIV

At the end of 2021, there were 17,245 people living with diagnosed HIV in the Baltimore Metropolitan Region. Data presented below describe people living with diagnosed HIV, aged 13 years and older, in the Baltimore Metropolitan Region.

- Geographic distribution: Baltimore City accounted for the highest number (10,471, 60.7%) of people living with diagnosed HIV and the highest rate (2,134.2).
- Age: Persons aged 50+ years accounted for the highest number (9,981, 57.9%) of people living with diagnosed HIV and the highest rate (969.0).
- Sex at Birth: Males accounted for the highest number (11,360, 65.9%) of people living with diagnosed HIV. The rate among males was 989.1 and 471.8 among females.
- Race/Ethnicity: Non-Hispanic Black people accounted for the highest number (13,105, 76.0%) of the people living with diagnosed HIV and the highest rate (1,880.0).
- Exposure Category: Male-to-male sexual contact accounted for the highest number (6,352, 36.8%) of the total people living with diagnosed HIV.

Engagement in HIV Care

- HIV diagnosed: Among people living with HIV in the Baltimore Metropolitan Region, it is estimated that 91.1 percent have been diagnosed and an estimated 1,685 people with HIV remain undiagnosed.
- Linked to care: During 2021, 87.8 percent of reported HIV diagnoses were linked to HIV care within one month of their HIV diagnosis.
- Retained in care: Among people living with diagnosed HIV, 79.4 percent were retained in care during 2021.
- Viral suppression: In 2021, 66.4 percent of people living with diagnosed HIV achieved viral suppression.

Technical Notes

HIV/AIDS Reporting

The Maryland HIV/AIDS Reporting Act of 2007 requires that people living with diagnosed HIV be reported by name to MDH. As per the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02, physicians are required to report patients in their care with diagnoses of HIV or AIDS and babies born to mothers living with HIV, clinical and infection control practitioners in medical and correctional facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS, and laboratory directors are required to report all HIV diagnostic and HIV-related monitoring test results, including HIV negative test results.

Report Changes

In order to be responsive to changing data needs, the following update has been made to this report:

- The terminology for gender identity has been updated.
- Viral suppression within six months after HIV diagnosis has been added to all tables describing reported HIV diagnoses (Tables 2, 6, 10, and 18) and the HIV care continuums (Figure 8A-D, and Figure 9). As a result, linkage to HIV care within three months has been removed from all tables and figures describing reported HIV diagnoses but is available upon request.

Data Specifications

Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of data. Data are collected on all people with HIV who were residents of the state of Maryland or received HIV care in Maryland. Data are presented for people who were Maryland residents at the time of their HIV diagnosis in 2021 and for people who were living with HIV and were current residents of Maryland as of December 31, 2021.

Data presented were reported to the MDH through June 30, 2022. Reported new diagnoses and estimates of people living with diagnosed HIV are as of December 31, 2021.

This report presents data with a six-month reporting delay. This lag allows for time to report case and laboratory data and to complete investigations. Due to reporting delays, estimates by exposure category and mortality are preliminary.

Please read all table titles and footnotes carefully to ensure a complete understanding of the displayed data. A glossary of terms is also available.

COVID-19 and HIV Surveillance Data

Data for 2020 and 2021 should be interpreted with caution due to the impact of the Coronavirus Disease 2019 (COVID-19) pandemic on access to HIV testing and care-related services.

The following HIV morbidity estimates may have been affected by the COVID-19 pandemic.

- Incidence (new HIV infections or transmissions) estimates might be lower due to significant declines in the number of new HIV diagnoses.
- Declines in HIV diagnoses might not represent declines in new HIV infections, but rather decreases and/or delays in testing or changes in testing modality (e.g., self-testing).
- Caution should be used when interpreting prevalence (people living with HIV) estimates. Fewer HIV diagnoses and more deaths (resulting in lower prevalence) may be due to COVID-19 and not HIV activities.
- Declines in linkage to care, retention in care, and viral suppression estimates may be due to lack of laboratory testing during care visits (e.g., telemedicine) and/or changes in testing modality (e.g., self-testing).

Undiagnosed HIV Infections

The Centers for Disease Control and Prevention (CDC), using national surveillance data, estimates that the number of people living with undiagnosed HIV infection,

among people living with HIV, is 13.3 percent in the United States.¹ Applying the same estimation method to Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 10.1 percent in 2020.

AIDS Diagnoses

CD4+ T-lymphocyte tests are measures of a person's immune system function. An adult living with diagnosed HIV is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood, if the percent of T-Lymphocyte cells that are CD4+ is less than 14 percent, or if a person has been diagnosed with an opportunistic infection.

Mortality

People are assumed to be alive unless reported as deceased. Caution should be exercised when interpreting mortality estimates for recent years due to delays in reporting of non-AIDS deaths and out-of-state deaths. Most deaths are reported within two years.

Engagement in HIV Care

Treatment recommendations are that a person in HIV medical care should have their CD4 and viral load levels measured regularly, at least once per year. The presence of these lab tests is used as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

Viral Suppression

Viral load tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of viral load, such as less than 200 copies per milliliter of blood, is known as viral suppression. Estimates of viral suppression among people living with diagnosed HIV are inclusive of people diagnosed in the specified year; therefore, they may not have had sufficient time to engage in HIV care and/or achieve viral suppression.

Geographic Distribution

Residence at diagnosis is used exclusively to describe new diagnoses. Estimates of people living with diagnosed HIV use current residence. Current residence estimates are restricted to people for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years presents the most accurate data available and helps to account for people that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes people that may still be residents of Maryland but have not received any HIV care since prior to 2009. In addition, residence is dynamic and people living with diagnosed HIV may have resided at multiple addresses that cannot all be represented in single time point estimates. Current residence assignments are constantly updated as new information becomes available and represent the best information available at the time of the estimate.

Residents of Correctional Facilities

New diagnoses of HIV and people living with diagnosed HIV who were reported to be residing in local jails or detention centers are presented, whenever possible, as residing at their home address. New diagnoses of HIV and people living with diagnosed HIV who were reported to be residing in a state or federal prison in Maryland are presented as residing in a separate "Corrections" jurisdiction.

Gender Identity

Historically, it has been difficult to present data by gender. No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender. This report is likely underreporting the number gender diverse people living with diagnosed HIV because of challenges in accurately identifying and reporting gender in HIV surveillance.

Race/Ethnicity

The completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity

¹Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2015–2019. HIV Surveillance Supplemental Report 2021;26(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published May 2021. Accessed May 2021.

categories may vary across reporting sources and some reporting sources do not collect or have complete data on race/ethnicity. In this report, Hispanic/Latino persons can be of any race.

Country of Birth

The completeness of reporting a person's country of birth is variable in surveillance data. Not all reporting sources collect or have complete data on nativity. In addition, some individuals may immigrate to the United States with HIV. HIV testing data from other countries is often unavailable for these people; therefore, they are counted as a new diagnosis following their first HIV related lab test in the United States, even if they were first diagnosed elsewhere.

HIV Exposure Categories

The CDC developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

Sources of Data

Information on HIV and AIDS diagnoses, including residence, age, race/ethnicity, sex at birth, gender identity, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from MDH's Enhanced HIV/AIDS Reporting System (eHARS), as of June 30, 2022.

Population data by sex, age, and race/ethnicity are from the July 1, 2021 United States Census Estimates. Population data by country-of-birth are from the Census Bureau's 2020 American Community Survey. This produces a difference in total population due to the

different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple races and Non-Hispanic other race from the Census were combined into one group.

Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of people living with HIV, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g., ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than five people.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Tables presenting clinical/laboratory information for reported new diagnoses by ZIP code will present only ZIP codes with at least five people. Exposure/risk data is not suppressed due to statistical adjustments resulting in the presentation of estimated or probable risk.

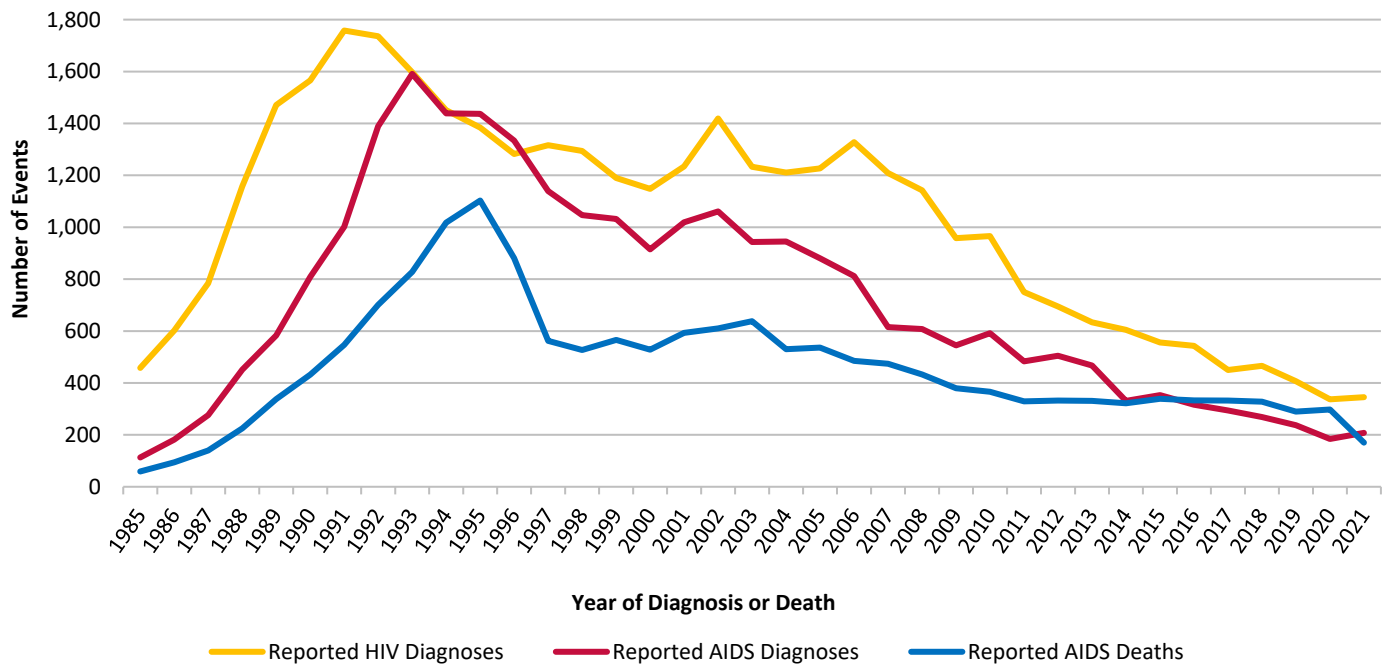
Multiple Imputation

Not all exposure data is reported and is therefore missing in some instances. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Section II – Trends 1985-2021

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022

People Diagnosed with HIV (Reported HIV Diagnoses) by Year of HIV Diagnosis, People Diagnosed with HIV with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and People Diagnosed with HIV with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2021, as Reported through June 30, 2022



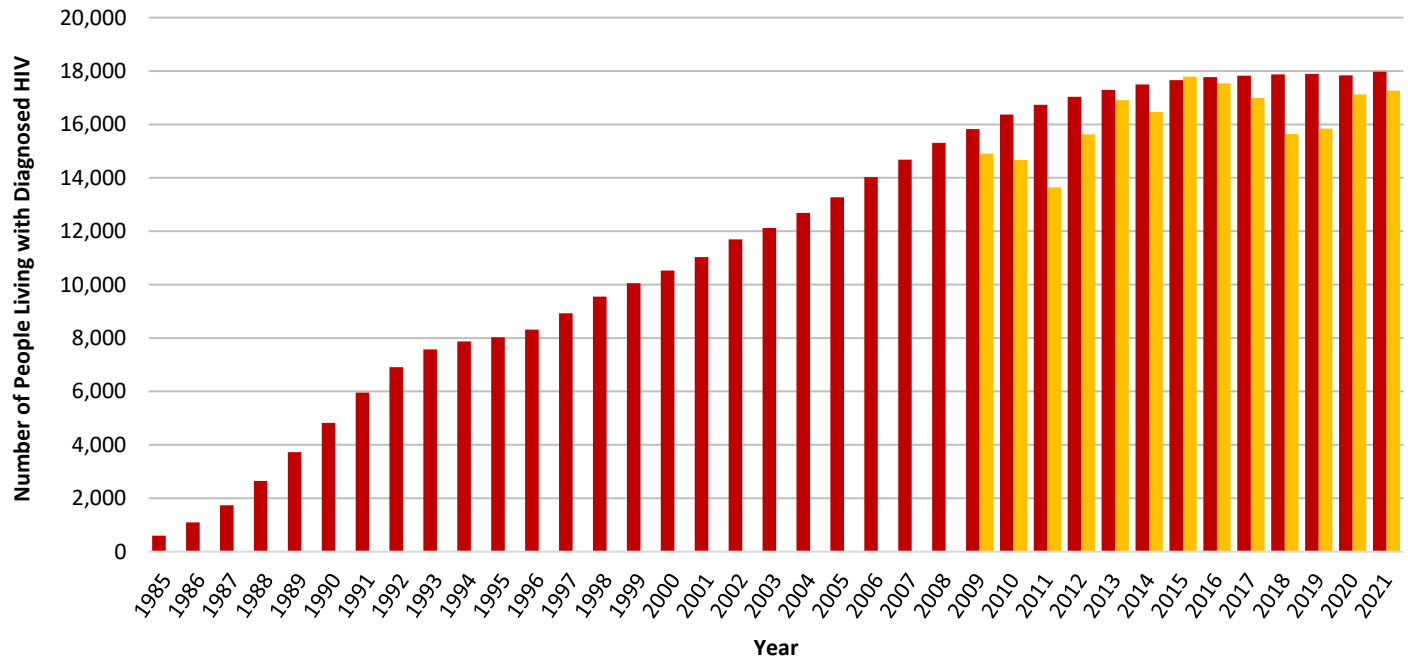
Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	241	78	35	2003	1,233	943	638
1985	458	113	59	2004	1,211	945	530
1986	602	182	94	2005	1,227	880	536
1987	784	276	140	2006	1,328	812	485
1988	1,158	451	225	2007	1,209	615	474
1989	1,471	583	338	2008	1,142	608	433
1990	1,566	809	432	2009	958	545	380
1991	1,758	1,002	547	2010	966	592	366
1992	1,736	1,389	701	2011	750	483	329
1993	1,597	1,591	828	2012	695	505	332
1994	1,451	1,439	1,018	2013	634	467	331
1995	1,384	1,437	1,103	2014	605	331	322
1996	1,282	1,334	881	2015	556	353	339
1997	1,316	1,139	562	2016	543	316	333
1998	1,294	1,047	527	2017	450	294	332
1999	1,190	1,032	566	2018	466	269	328
2000	1,148	915	528	2019	407	237	290
2001	1,234	1,019	593	2020*	337	184	298
2002	1,419	1,061	610	2021*	345	208	170
				Total	38,151	26,484	17,033

*2020-2021 reported AIDS deaths are preliminary.

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Figure 2 – Trends in People Living with Diagnosed HIV, among Residents at Diagnosis, 1985-2021, Reported through June 30, 2022

People Living with Diagnosed HIV in the Baltimore Metropolitan Region and Not Reported to have Died as of December 31st of Each Year (People who were Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region and/or People who are Currently Living with Diagnosed HIV in the Baltimore Metropolitan Region) from 1985 through 2021, as Reported through June 30, 2022



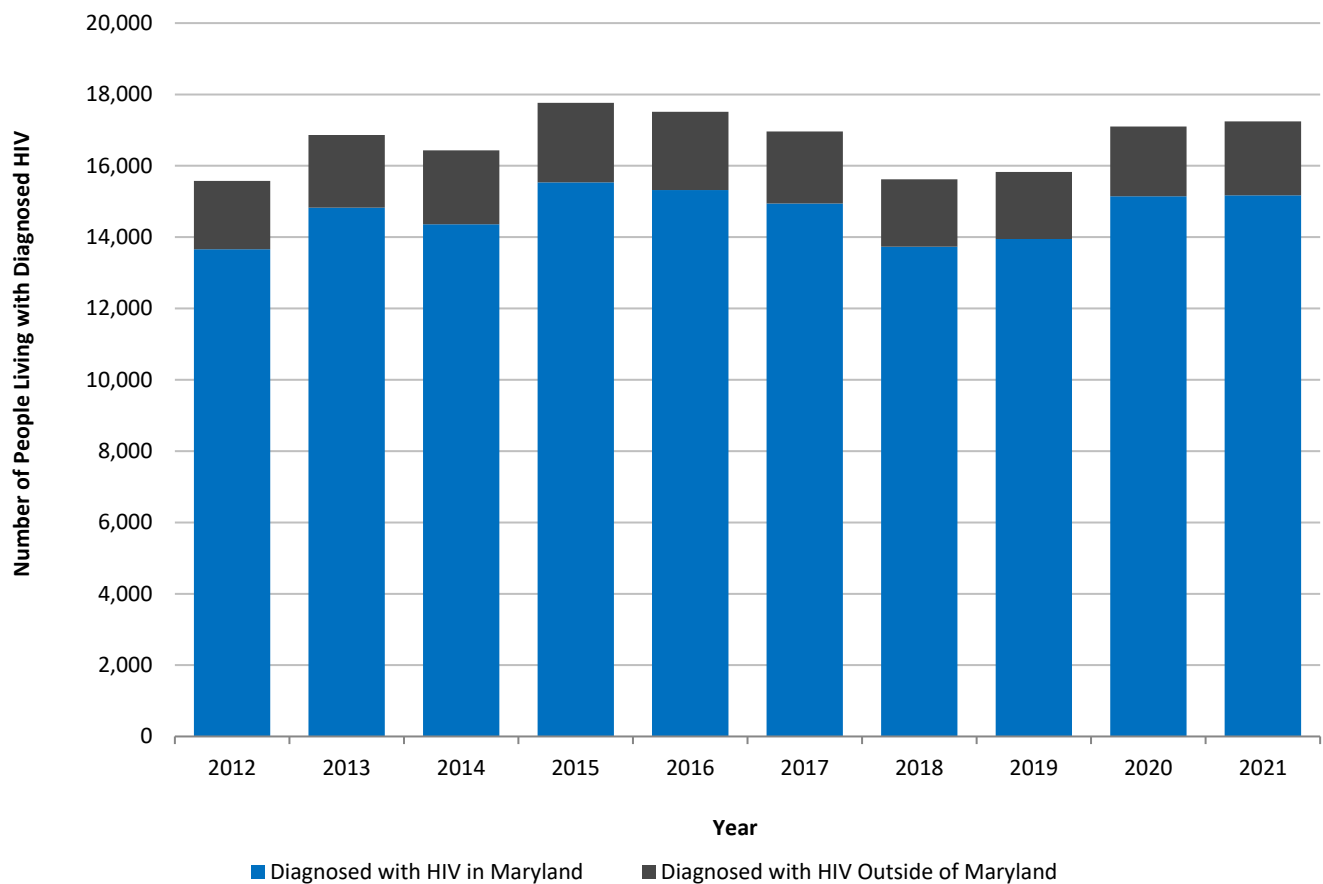
■ Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region ■ Currently Living with Diagnosed HIV in the Baltimore Metropolitan Region

People Living with Diagnosed HIV			People Living with Diagnosed HIV		
Year	Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region	Current Residents	Year	Diagnosed with HIV or AIDS in the Baltimore Metropolitan Region	Current Residents
1985	597	--	2003	12,123	--
1986	1,098	--	2004	12,685	--
1987	1,736	--	2005	13,272	--
1988	2,649	--	2006	14,028	--
1989	3,727	--	2007	14,682	--
1990	4,822	--	2008	15,307	--
1991	5,955	--	2009	15,825	14,909
1992	6,907	--	2010	16,367	14,667
1993	7,573	--	2011	16,734	13,644
1994	7,874	--	2012	17,037	15,628
1995	8,027	--	2013	17,290	16,908
1996	8,314	--	2014	17,494	16,463
1997	8,929	--	2015	17,659	17,789
1998	9,550	--	2016	17,773	17,536
1999	10,051	--	2017	17,826	16,988
2000	10,529	--	2018	17,872	15,638
2001	11,029	--	2019	17,894	15,841
2002	11,697	--	2020	17,835	17,122
			2021	17,974	17,262

Note. Current residence for people living with diagnosed HIV is unavailable prior to 2009.

Figure 3 – Trends in People Aged 13+ Living with Diagnosed HIV, among Current Residents, 2012-2021, Reported through June 30, 2022

People Living with Diagnosed HIV in the Baltimore Metropolitan Region and Not Reported to have Died as of December 31st of Each Year from 2012 through 2021, as Reported through June 30, 2022

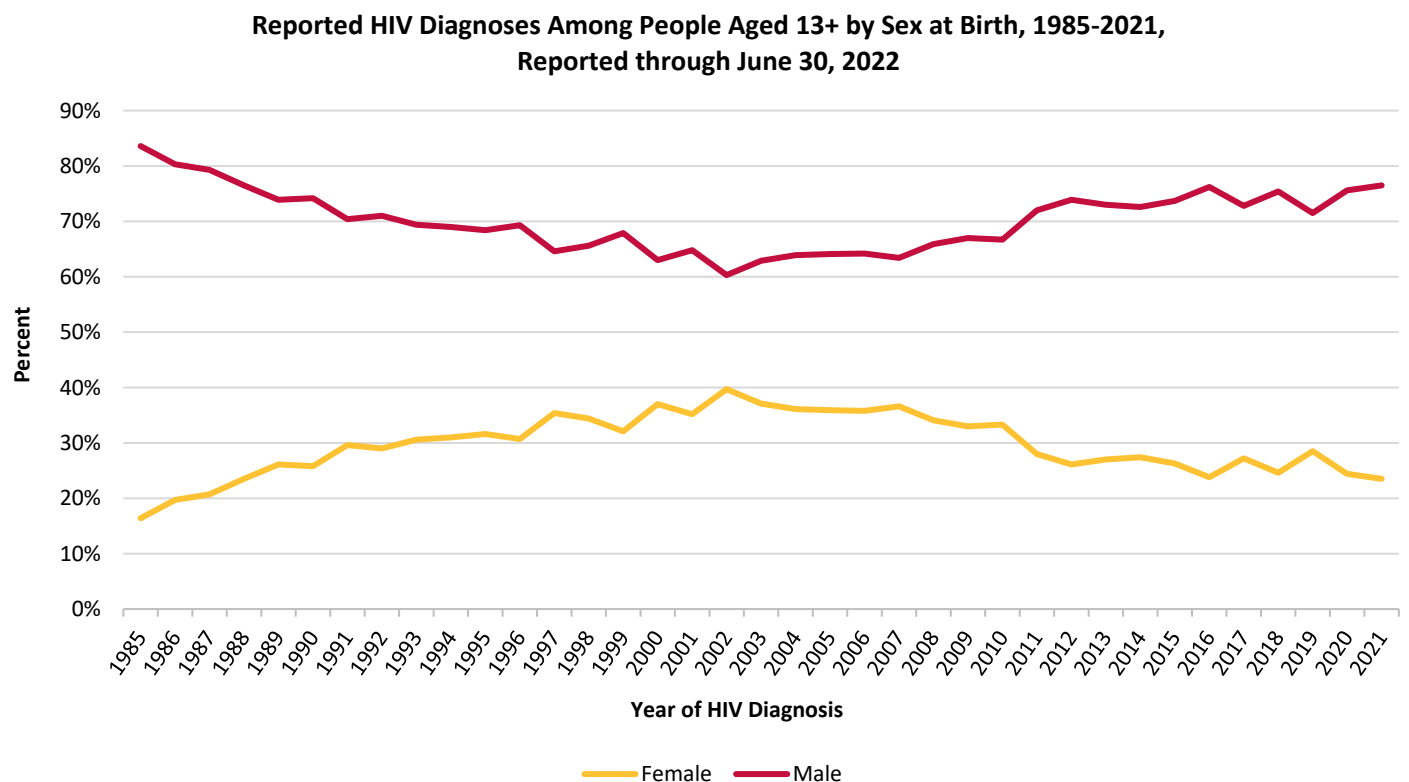
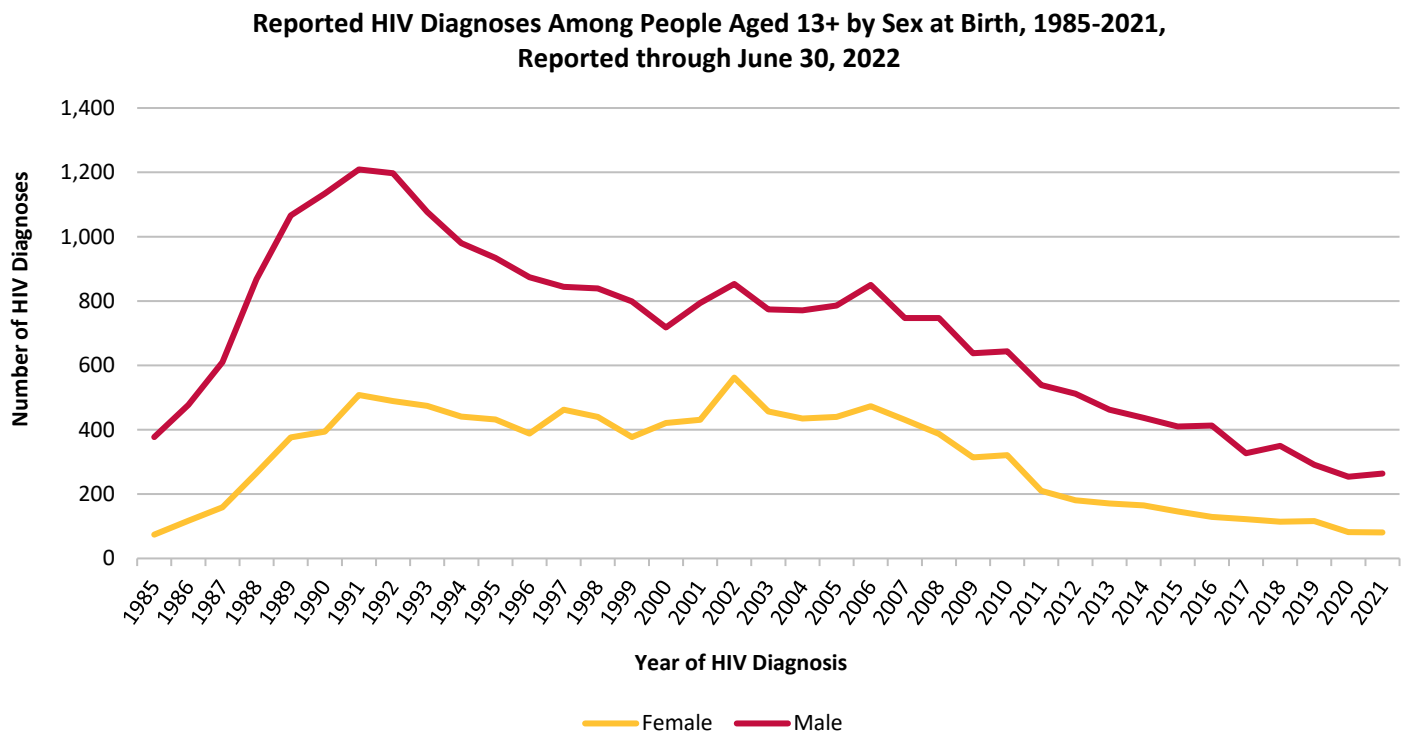


Year	Population Aged 13+	Baltimore Metropolitan Region Residents Aged 13+ as of December 31st of the Specified Year			
		Diagnosed with HIV in Maryland	Diagnosed with HIV Outside of Maryland	Total	Rate
2012	2,311,295	13,660	1,917	15,577	674.0
2013	2,324,975	14,826	2,037	16,863	725.3
2014	2,337,168	14,362	2,071	16,433	703.1
2015	2,347,637	15,537	2,227	17,764	756.7
2016	2,352,490	15,321	2,191	17,512	744.4
2017	2,357,861	14,945	2,017	16,962	719.4
2018	2,361,800	13,733	1,887	15,620	661.4
2019	2,363,892	13,949	1,879	15,828	669.6
2020	2,362,148	15,144	1,958	17,102	724.0
2021	2,395,814	15,172	2,073	17,245	719.8

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Figure 4 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Sex at Birth, 1985-2021, Reported through June 30, 2022

Number and Percent by Sex at Birth of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, as Reported through June 30, 2022

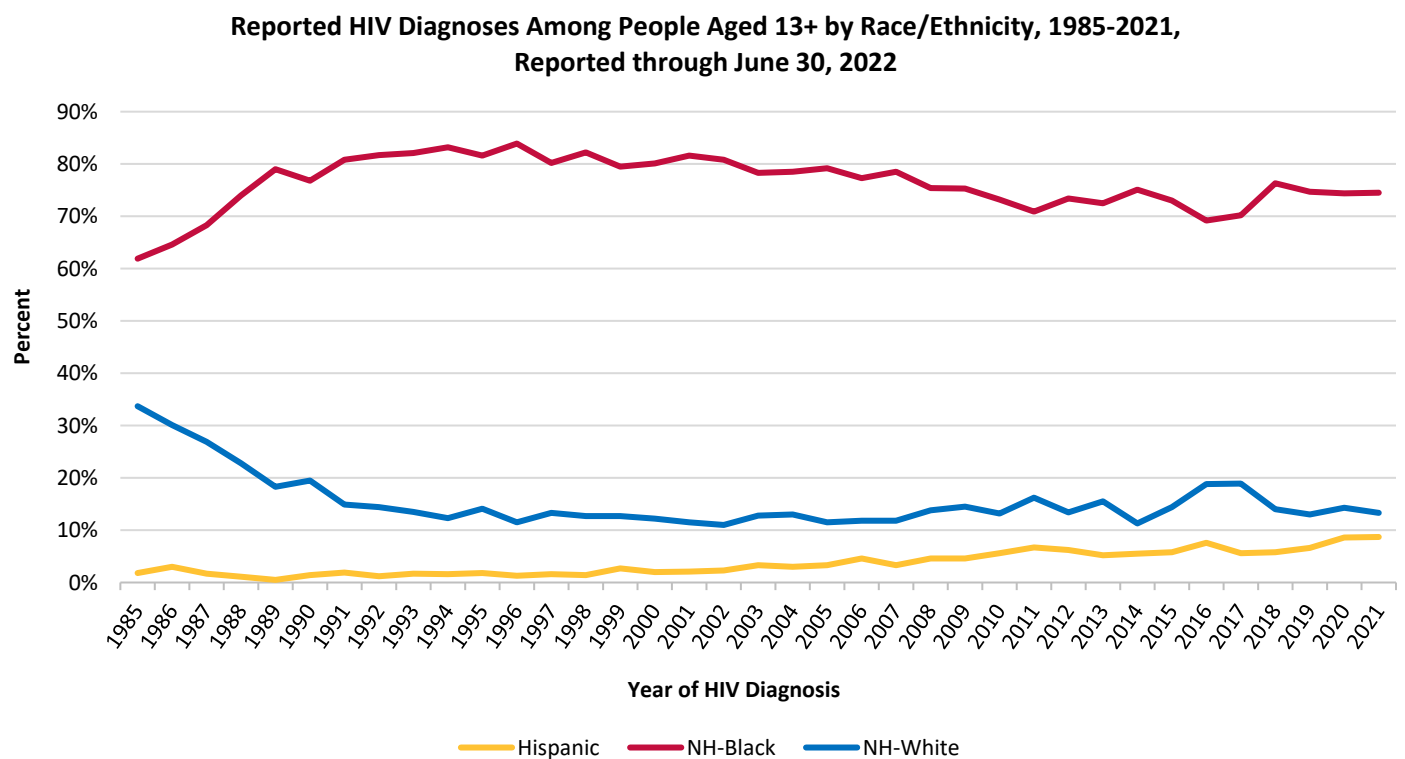
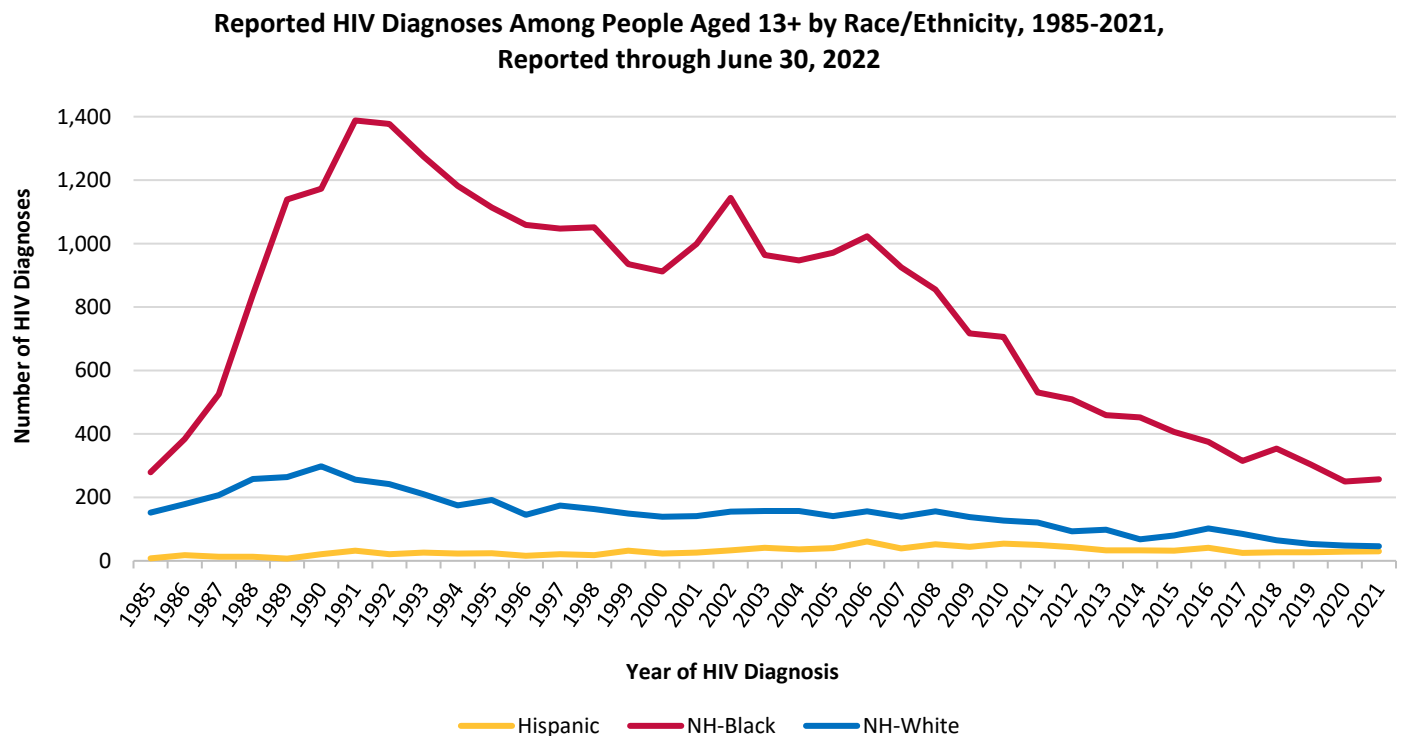


Reported HIV Diagnoses among People Aged 13+					
Year of HIV Diagnosis	Number	Sex at Birth			
		Female		Male	
		Number	Percent	Number	Percent
<1985	239	31	13.0%	208	87.0%
1985	451	74	16.4%	377	83.6%
1986	594	117	19.7%	477	80.3%
1987	769	159	20.7%	610	79.3%
1988	1,134	266	23.5%	868	76.5%
1989	1,442	376	26.1%	1,066	73.9%
1990	1,528	394	25.8%	1,134	74.2%
1991	1,717	508	29.6%	1,209	70.4%
1992	1,686	489	29.0%	1,197	71.0%
1993	1,551	474	30.6%	1,077	69.4%
1994	1,421	441	31.0%	980	69.0%
1995	1,366	432	31.6%	934	68.4%
1996	1,262	388	30.7%	874	69.3%
1997	1,306	462	35.4%	844	64.6%
1998	1,279	440	34.4%	839	65.6%
1999	1,176	377	32.1%	799	67.9%
2000	1,139	421	37.0%	718	63.0%
2001	1,225	431	35.2%	794	64.8%
2002	1,415	562	39.7%	853	60.3%
2003	1,231	457	37.1%	774	62.9%
2004	1,206	435	36.1%	771	63.9%
2005	1,226	440	35.9%	786	64.1%
2006	1,323	473	35.8%	850	64.2%
2007	1,178	431	36.6%	747	63.4%
2008	1,134	387	34.1%	747	65.9%
2009	952	314	33.0%	638	67.0%
2010	965	321	33.3%	644	66.7%
2011	749	210	28.0%	539	72.0%
2012	693	181	26.1%	512	73.9%
2013	633	171	27.0%	462	73.0%
2014	602	165	27.4%	437	72.6%
2015	556	146	26.3%	410	73.7%
2016	542	129	23.8%	413	76.2%
2017	449	122	27.2%	327	72.8%
2018	464	114	24.6%	350	75.4%
2019	407	116	28.5%	291	71.5%
2020	336	82	24.4%	254	75.6%
2021	345	81	23.5%	264	76.5%
Total	37,691	11,617	30.8%	26,074	69.2%

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Figure 5 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Race/Ethnicity, 1985-2021, Reported through June 30, 2022

Number and Percent by Race/Ethnicity of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, as Reported through June 30, 2022



NH: Non-Hispanic

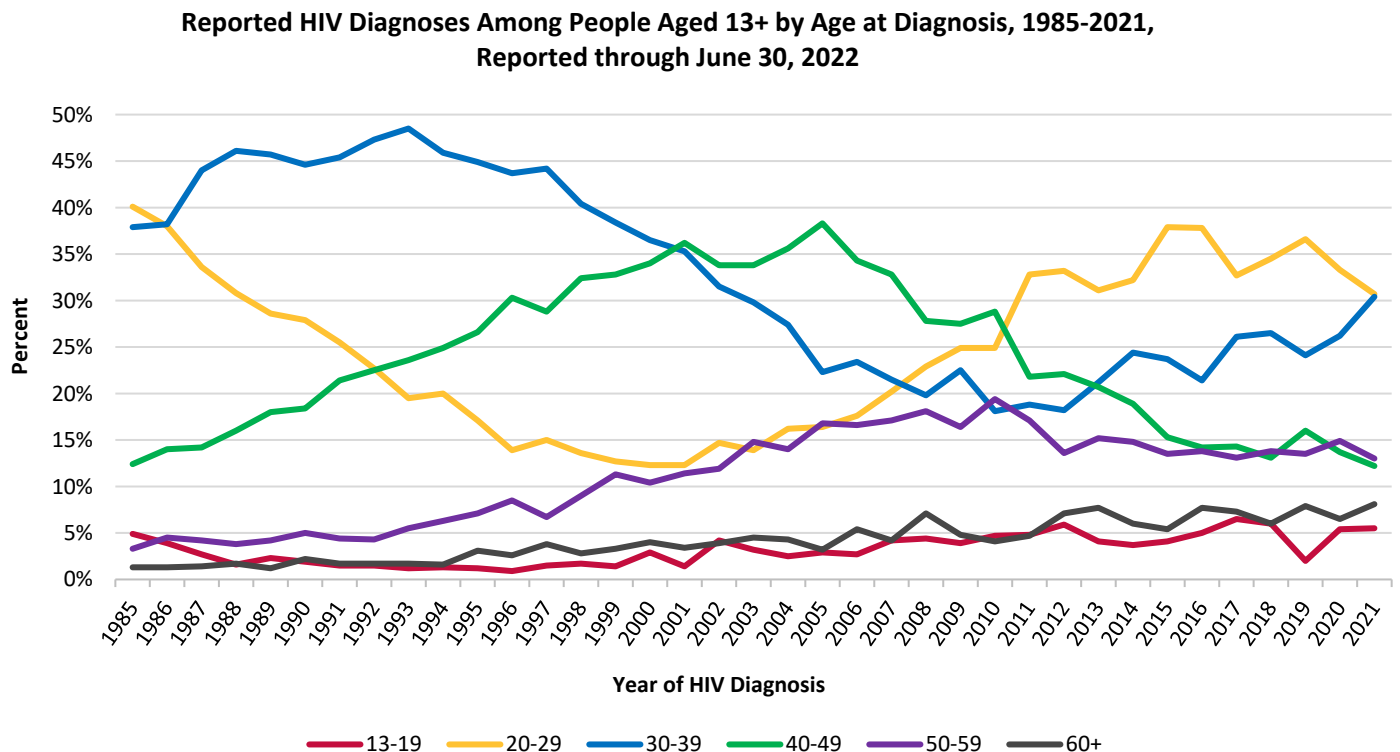
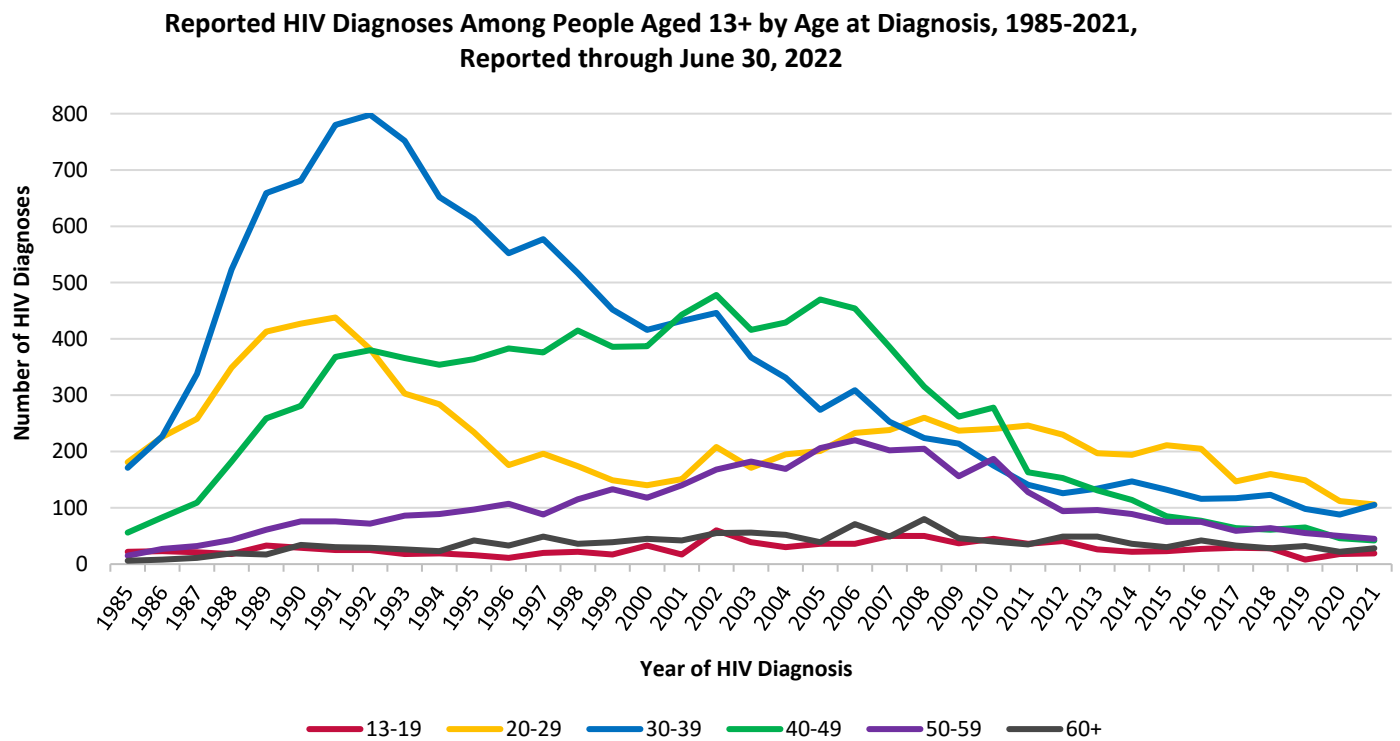
NH-Asian, NH-American Indian, NH-Native Hawaiian/Other Pacific Islander, NH-Multiracial/Other not shown

Reported HIV Diagnoses among People Aged 13+									
Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	239	7	2.9%	131	54.8%	94	39.3%	7	2.9%
1985	451	8	1.8%	279	61.9%	152	33.7%	12	2.7%
1986	594	18	3.0%	384	64.6%	179	30.1%	13	2.2%
1987	769	13	1.7%	525	68.3%	207	26.9%	24	3.1%
1988	1,134	13	1.1%	839	74.0%	258	22.8%	24	2.1%
1989	1,442	7	0.5%	1,139	79.0%	264	18.3%	32	2.2%
1990	1,528	21	1.4%	1,173	76.8%	298	19.5%	36	2.4%
1991	1,717	32	1.9%	1,388	80.8%	256	14.9%	41	2.4%
1992	1,686	21	1.2%	1,377	81.7%	242	14.4%	46	2.7%
1993	1,551	26	1.7%	1,274	82.1%	210	13.5%	41	2.6%
1994	1,421	23	1.6%	1,182	83.2%	175	12.3%	41	2.9%
1995	1,366	24	1.8%	1,114	81.6%	192	14.1%	36	2.6%
1996	1,262	16	1.3%	1,059	83.9%	145	11.5%	42	3.3%
1997	1,306	21	1.6%	1,047	80.2%	174	13.3%	64	4.9%
1998	1,279	18	1.4%	1,051	82.2%	163	12.7%	47	3.7%
1999	1,176	32	2.7%	935	79.5%	149	12.7%	60	5.1%
2000	1,139	23	2.0%	912	80.1%	139	12.2%	65	5.7%
2001	1,225	26	2.1%	999	81.6%	141	11.5%	59	4.8%
2002	1,415	33	2.3%	1,144	80.8%	155	11.0%	83	5.9%
2003	1,231	41	3.3%	964	78.3%	157	12.8%	69	5.6%
2004	1,206	36	3.0%	947	78.5%	157	13.0%	66	5.5%
2005	1,226	40	3.3%	971	79.2%	141	11.5%	74	6.0%
2006	1,323	61	4.6%	1,023	77.3%	156	11.8%	83	6.3%
2007	1,178	39	3.3%	925	78.5%	139	11.8%	75	6.4%
2008	1,134	52	4.6%	855	75.4%	156	13.8%	71	6.3%
2009	952	44	4.6%	717	75.3%	138	14.5%	53	5.6%
2010	965	54	5.6%	706	73.2%	127	13.2%	78	8.1%
2011	749	50	6.7%	531	70.9%	121	16.2%	47	6.3%
2012	693	43	6.2%	509	73.4%	93	13.4%	48	6.9%
2013	633	33	5.2%	459	72.5%	98	15.5%	43	6.8%
2014	602	33	5.5%	452	75.1%	68	11.3%	49	8.1%
2015	556	32	5.8%	406	73.0%	80	14.4%	38	6.8%
2016	542	41	7.6%	375	69.2%	102	18.8%	24	4.4%
2017	449	25	5.6%	315	70.2%	85	18.9%	24	5.3%
2018	464	27	5.8%	354	76.3%	65	14.0%	18	3.9%
2019	407	27	6.6%	304	74.7%	53	13.0%	23	5.7%
2020	336	29	8.6%	250	74.4%	48	14.3%	9	2.7%
2021	345	30	8.7%	257	74.5%	46	13.3%	12	3.5%
Total	37,691	1,119	3.0%	29,272	77.7%	5,623	14.9%	1,677	4.4%

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Figure 6 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Age at HIV Diagnosis, 1985-2021, Reported through June 30, 2022

Number and Percent by Age at HIV Diagnosis of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, as Reported through June 30, 2022

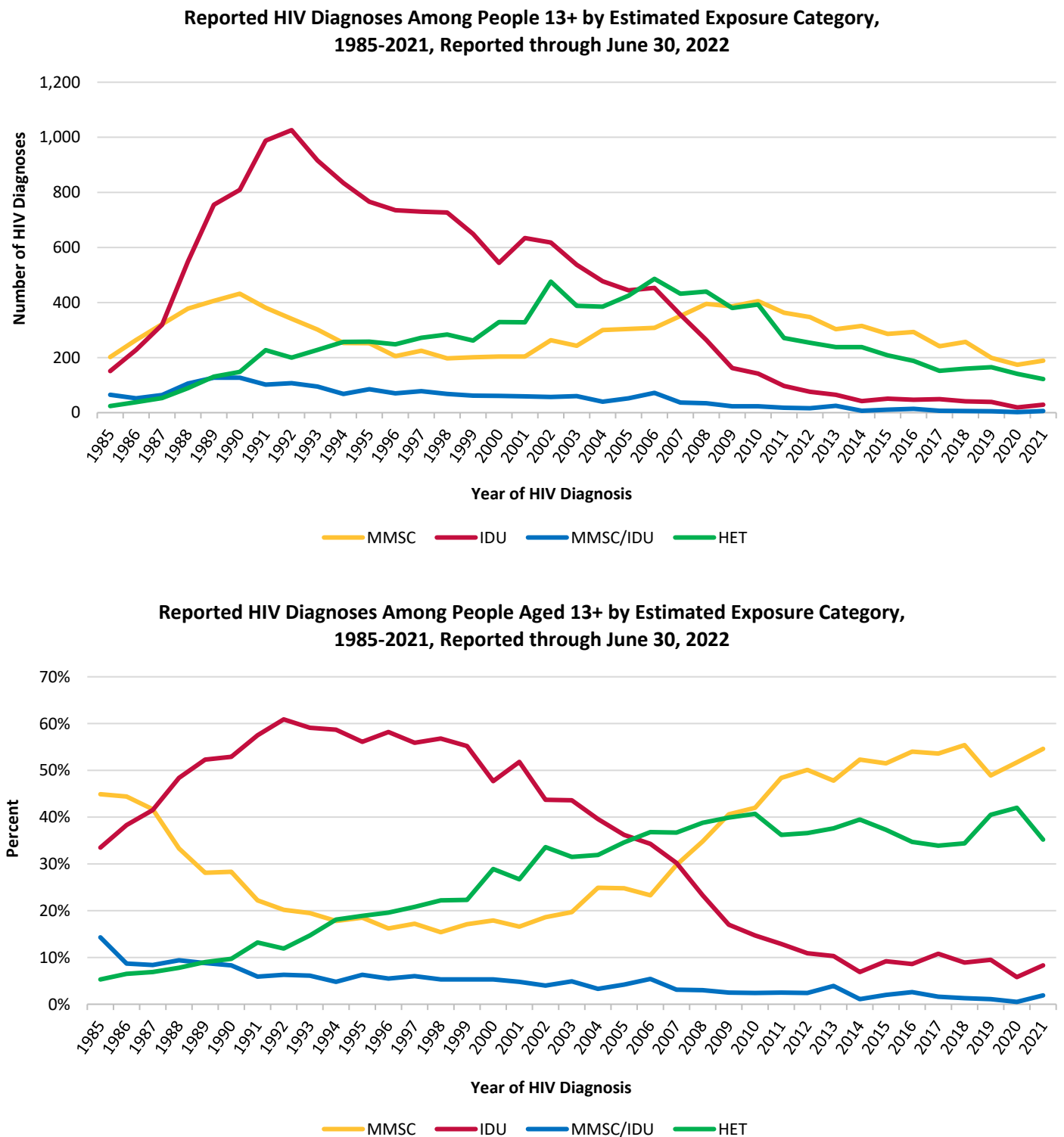


Reported HIV Diagnoses among People Aged 13+													
Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		13-19		20-29		30-39		40-49		50-59		60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	239	18	7.5%	103	43.1%	71	29.7%	32	13.4%	14	5.9%	1	0.4%
1985	451	22	4.9%	181	40.1%	171	37.9%	56	12.4%	15	3.3%	6	1.3%
1986	594	23	3.9%	226	38.0%	227	38.2%	83	14.0%	27	4.5%	8	1.3%
1987	769	21	2.7%	258	33.6%	338	44.0%	109	14.2%	32	4.2%	11	1.4%
1988	1,134	18	1.6%	349	30.8%	523	46.1%	182	16.0%	43	3.8%	19	1.7%
1989	1,442	33	2.3%	413	28.6%	659	45.7%	259	18.0%	61	4.2%	17	1.2%
1990	1,528	29	1.9%	427	27.9%	681	44.6%	281	18.4%	76	5.0%	34	2.2%
1991	1,717	25	1.5%	438	25.5%	780	45.4%	368	21.4%	76	4.4%	30	1.7%
1992	1,686	25	1.5%	382	22.7%	798	47.3%	380	22.5%	72	4.3%	29	1.7%
1993	1,551	18	1.2%	303	19.5%	752	48.5%	366	23.6%	86	5.5%	26	1.7%
1994	1,421	19	1.3%	284	20.0%	652	45.9%	354	24.9%	89	6.3%	23	1.6%
1995	1,366	16	1.2%	234	17.1%	613	44.9%	364	26.6%	97	7.1%	42	3.1%
1996	1,262	11	0.9%	176	13.9%	552	43.7%	383	30.3%	107	8.5%	33	2.6%
1997	1,306	20	1.5%	196	15.0%	577	44.2%	376	28.8%	88	6.7%	49	3.8%
1998	1,279	22	1.7%	174	13.6%	517	40.4%	415	32.4%	115	9.0%	36	2.8%
1999	1,176	17	1.4%	149	12.7%	452	38.4%	386	32.8%	133	11.3%	39	3.3%
2000	1,139	33	2.9%	140	12.3%	416	36.5%	387	34.0%	118	10.4%	45	4.0%
2001	1,225	17	1.4%	151	12.3%	432	35.3%	443	36.2%	140	11.4%	42	3.4%
2002	1,415	60	4.2%	208	14.7%	446	31.5%	478	33.8%	168	11.9%	55	3.9%
2003	1,231	39	3.2%	171	13.9%	367	29.8%	416	33.8%	182	14.8%	56	4.5%
2004	1,206	30	2.5%	195	16.2%	331	27.4%	429	35.6%	169	14.0%	52	4.3%
2005	1,226	36	2.9%	201	16.4%	274	22.3%	470	38.3%	206	16.8%	39	3.2%
2006	1,323	36	2.7%	233	17.6%	309	23.4%	454	34.3%	220	16.6%	71	5.4%
2007	1,178	50	4.2%	238	20.2%	253	21.5%	386	32.8%	202	17.1%	49	4.2%
2008	1,134	50	4.4%	260	22.9%	224	19.8%	315	27.8%	205	18.1%	80	7.1%
2009	952	37	3.9%	237	24.9%	214	22.5%	262	27.5%	156	16.4%	46	4.8%
2010	965	45	4.7%	240	24.9%	175	18.1%	278	28.8%	187	19.4%	40	4.1%
2011	749	36	4.8%	246	32.8%	141	18.8%	163	21.8%	128	17.1%	35	4.7%
2012	693	41	5.9%	230	33.2%	126	18.2%	153	22.1%	94	13.6%	49	7.1%
2013	633	26	4.1%	197	31.1%	134	21.2%	131	20.7%	96	15.2%	49	7.7%
2014	602	22	3.7%	194	32.2%	147	24.4%	114	18.9%	89	14.8%	36	6.0%
2015	556	23	4.1%	211	37.9%	132	23.7%	85	15.3%	75	13.5%	30	5.4%
2016	542	27	5.0%	205	37.8%	116	21.4%	77	14.2%	75	13.8%	42	7.7%
2017	449	29	6.5%	147	32.7%	117	26.1%	64	14.3%	59	13.1%	33	7.3%
2018	464	28	6.0%	160	34.5%	123	26.5%	61	13.1%	64	13.8%	28	6.0%
2019	407	8	2.0%	149	36.6%	98	24.1%	65	16.0%	55	13.5%	32	7.9%
2020	336	18	5.4%	112	33.3%	88	26.2%	46	13.7%	50	14.9%	22	6.5%
2021	345	19	5.5%	106	30.7%	105	30.4%	42	12.2%	45	13.0%	28	8.1%
Total	37,691	1,047	2.8%	8,524	22.6%	13,131	34.8%	9,713	25.8%	3,914	10.4%	1,362	3.6%

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Figure 7 – Trends in Reported HIV Diagnoses, among Residents at Diagnosis Aged 13+, by Estimated Exposure Category, 1985-2021, Reported through June 30, 2022

Number and Percent by Estimated Exposure Category[§] of People Diagnosed with HIV, Aged 13+ at HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2021, as Reported through June 30, 2022



Other exposure category not shown.

§ Multiple imputation was used to estimate and adjust for missing exposure category.

Year of HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+											
	No.	% with No Reported Exposure [‡]	Estimated Exposure Category [§]									
			MMSC		IDU		MMSC/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	239	2.5%	133	55.5%	63	26.2%	27	11.2%	8	3.4%	9	3.8%
1985	451	4.2%	202	44.9%	151	33.5%	65	14.3%	24	5.3%	9	2.0%
1986	594	2.9%	264	44.4%	228	38.3%	52	8.7%	38	6.5%	13	2.2%
1987	769	2.7%	321	41.7%	319	41.5%	64	8.4%	53	6.9%	12	1.6%
1988	1,134	2.8%	378	33.3%	549	48.4%	106	9.4%	89	7.8%	13	1.1%
1989	1,442	2.4%	406	28.1%	755	52.3%	127	8.8%	131	9.0%	24	1.7%
1990	1,528	3.9%	432	28.3%	809	52.9%	127	8.3%	148	9.7%	12	0.8%
1991	1,717	3.7%	381	22.2%	988	57.5%	102	5.9%	227	13.2%	19	1.1%
1992	1,686	4.5%	341	20.2%	1,026	60.9%	107	6.3%	200	11.9%	12	0.7%
1993	1,551	2.7%	302	19.5%	916	59.1%	95	6.1%	228	14.7%	10	0.6%
1994	1,421	3.7%	253	17.8%	834	58.7%	68	4.8%	257	18.1%	9	0.6%
1995	1,366	4.2%	252	18.5%	766	56.1%	85	6.3%	258	18.9%	4	0.3%
1996	1,262	4.0%	205	16.2%	735	58.2%	70	5.5%	248	19.6%	5	0.4%
1997	1,306	6.0%	225	17.2%	730	55.9%	78	6.0%	272	20.8%	1	0.1%
1998	1,279	5.2%	197	15.4%	727	56.8%	68	5.3%	284	22.2%	4	0.3%
1999	1,176	6.8%	201	17.1%	649	55.2%	62	5.3%	262	22.3%	2	0.2%
2000	1,139	6.8%	204	17.9%	544	47.7%	61	5.3%	329	28.9%	2	0.2%
2001	1,225	7.6%	204	16.6%	634	51.8%	59	4.8%	328	26.7%	1	0.1%
2002	1,415	10.1%	263	18.6%	618	43.7%	57	4.0%	476	33.6%	1	0.1%
2003	1,231	9.2%	243	19.7%	537	43.6%	60	4.9%	388	31.5%	3	0.2%
2004	1,206	9.9%	300	24.9%	477	39.6%	40	3.3%	385	31.9%	3	0.2%
2005	1,226	14.4%	304	24.8%	444	36.2%	52	4.2%	425	34.6%	2	0.2%
2006	1,323	18.7%	308	23.3%	453	34.3%	72	5.4%	486	36.8%	3	0.2%
2007	1,178	19.3%	351	29.8%	356	30.2%	37	3.1%	432	36.7%	2	0.2%
2008	1,134	25.8%	395	34.8%	264	23.3%	34	3.0%	440	38.8%	1	0.1%
2009	952	26.7%	386	40.6%	162	17.0%	23	2.5%	380	39.9%	0	0.0%
2010	965	29.8%	405	42.0%	142	14.7%	23	2.4%	393	40.7%	2	0.2%
2011	749	25.4%	363	48.4%	97	12.9%	18	2.5%	271	36.2%	0	0.0%
2012	693	17.3%	347	50.1%	76	10.9%	16	2.4%	254	36.6%	0	0.0%
2013	633	10.6%	303	47.8%	65	10.3%	25	3.9%	238	37.6%	2	0.3%
2014	602	8.6%	315	52.3%	42	6.9%	7	1.1%	238	39.5%	1	0.2%
2015	556	5.0%	286	51.5%	51	9.2%	11	2.0%	208	37.3%	0	0.0%
2016	542	12.5%	293	54.0%	47	8.6%	14	2.6%	188	34.7%	0	0.0%
2017	449	10.2%	241	53.6%	49	10.8%	7	1.6%	152	33.9%	0	0.0%
2018	464	12.5%	257	55.4%	41	8.9%	6	1.3%	160	34.4%	0	0.0%
2019	407	10.6%	199	48.9%	39	9.5%	5	1.1%	165	40.5%	0	0.0%
2020	336	9.8%	174	51.7%	19	5.8%	2	0.5%	141	42.0%	0	0.0%
2021	345	33.9%	189	54.6%	29	8.3%	6	1.9%	122	35.2%	0	0.0%
Total	37,691	9.6%	10,823	28.7%	15,431	40.9%	1,938	5.1%	9,326	24.7%	181	0.5%

§ Multiple imputation was used to estimate and adjust for missing transmission category.

[‡]Percent with no reported exposure prior to multiple imputation adjustment.

Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of people missing transmission category after multiple imputation.

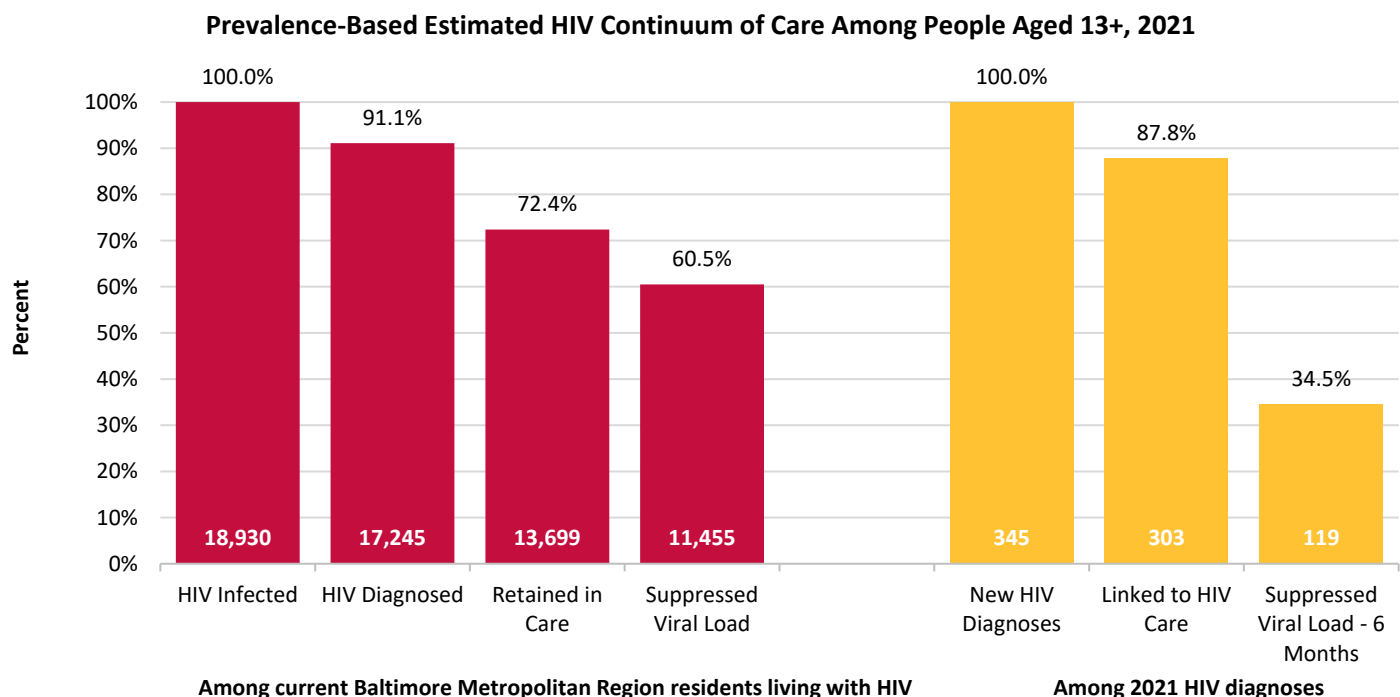
Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Section III – Continuum of Care Cascades

In their 2011 article in Clinical Infectious Diseases, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 8 – Prevalence-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Baltimore Metropolitan Region Residents Aged 13+, Reported through June 30, 2022

The prevalence-based Baltimore Metropolitan Region Engagement in HIV Care Cascades (below) apply the CDC CD4 depletion model to Maryland surveillance data, reported through June 30, 2022, to estimate the number of people living with undiagnosed HIV (8.9%) and the estimated number of people living with HIV currently residing in the Baltimore Metropolitan Region. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in the Baltimore Metropolitan Region on December 31, 2021 and the number and percentage of new HIV diagnoses in 2021 who belong to each of the stages of engagement in HIV care.



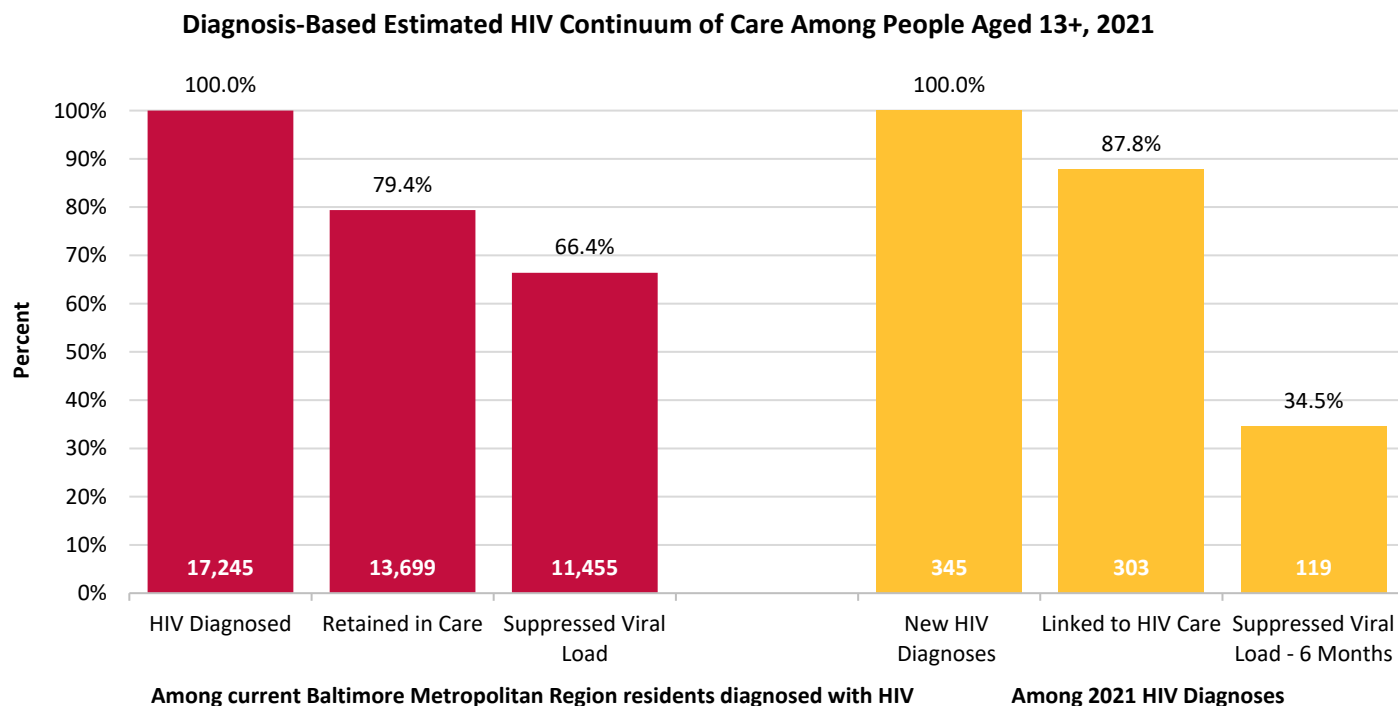
Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2021 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Infected	18,930	100.0%	New HIV Diagnoses	345	100.0%
HIV Diagnosed	17,245	91.1%	Linked to HIV Care	303	87.8%
Retained in HIV Care	13,699	72.4%	Suppressed Viral Load – 6 Months	119	34.5%
Suppressed Viral Load	11,455	60.5%			

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” Clin Infect Dis. 2011; 52 (6): 793-800.

Figure 9 – Diagnosis-Based Estimated 2021 HIV Continuum of Care Cascades, among Current Baltimore Metropolitan Region Residents Aged 13+, Reported through June 30, 2022

The diagnosis-based Baltimore Metropolitan Region Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore Metropolitan Region residents to describe the number and percentage of persons living with diagnosed HIV in Baltimore Metropolitan Region on December 31, 2021 and the number and percentage of new HIV diagnoses in 2021 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	People Aged 13+ Living with HIV		Continuum of Care Stage	Reported 2021 HIV Diagnoses	
	Number	Percent		Number	Percent
HIV Diagnosed	17,245	100.0%	New HIV Diagnoses	345	100.0%
Retained in HIV Care	13,699	79.4%	Linked to HIV Care	303	87.8%
Suppressed Viral Load	11,455	66.4%	Suppressed Viral Load – 6 Months	119	34.5%

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Section IV – By Jurisdiction

Table 1 – Reported HIV Diagnoses and Reported AIDS Diagnoses, among People Aged 13+ during 2021, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2022

Jurisdiction of Residence at Diagnosis	Population Aged 13+	Reported HIV Diagnoses among People Aged 13+			Reported AIDS Diagnoses among People Aged 13+		
		No.	% of Total	Rate	No.	% of Total	Rate
Anne Arundel	495,875	38	11.0%	7.7	15	7.3%	3.0
Baltimore City	490,631	161	46.7%	32.8	119	57.8%	24.3
Baltimore	717,800	106	30.7%	14.8	48	23.3%	6.7
Carroll	147,304	8	2.3%	5.4	6	2.9%	4.1
Harford	221,922	9	2.6%	4.1	3	1.5%	1.4
Howard	278,903	22	6.4%	7.9	13	6.3%	4.7
Queen Anne's	43,380	1	0.3%	2.3	2	1.0%	4.6
Total	2,395,814	345	100.0%	14.4	206	100.0%	8.6

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Table 2 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Jurisdiction Residence at Diagnosis, Reported through June 30, 2022

Jurisdiction of Residence at HIV Diagnosis	Reported HIV Diagnoses among People Aged 13+					
	No.	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
					% with Test	Median Count
Anne Arundel	38	89.5%	34.2%	23.7%	94.7%	343
Baltimore City	161	84.5%	34.8%	17.4%	93.8%	402
Baltimore	106	90.6%	35.8%	27.4%	96.2%	384
Carroll	8	***	***	62.5%	***	***
Harford	9	88.9%	***	0.0%	100.0%	500
Howard	22	90.9%	31.8%	***	100.0%	353
Queen Anne's	1	***	***	***	***	***
Total	345	87.8%	34.5%	22.0%	95.4%	385

*** Data withheld due to low population counts and/or small numbers.

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Table 3 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2022

Jurisdiction of Residence	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV							
		Residence at Diagnosis				Current Residence			
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)
Anne Arundel	495,875	1,343	7.5%	270.8	369	1,449	8.4%	292.2	342
Baltimore City	490,631	11,948	66.5%	2,435.2	41	10,471	60.7%	2,134.2	47
Baltimore	717,800	3,335	18.6%	464.6	215	3,814	22.1%	531.3	188
Carroll	147,304	160	0.9%	108.6	921	173	1.0%	117.4	851
Harford	221,922	467	2.6%	210.4	475	537	3.1%	242.0	413
Howard	278,903	654	3.6%	234.5	426	745	4.3%	267.1	374
Queen Anne's	43,380	56	0.3%	129.1	775	56	0.3%	129.1	775
Total	2,395,814	17,963	100.0%	749.8	133	17,245	100.0%	719.8	139

Table 4 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Anne Arundel	1,449	1,069	73.8%	648	5.9%	8.6%	16.8%	68.7%
Baltimore City	10,471	7,532	71.9%	601	8.7%	12.8%	16.4%	62.2%
Baltimore	3,814	2,707	71.0%	645	6.2%	10.0%	16.1%	67.7%
Carroll	173	130	75.1%	631	11.5%	9.2%	13.8%	65.4%
Harford	537	360	67.0%	662	6.4%	12.5%	14.4%	66.7%
Howard	745	576	77.3%	660	5.6%	10.1%	14.8%	69.6%
Queen Anne's	56	45	80.4%	596	13.3%	15.6%	6.7%	64.4%
Total	17,245	12,419	72.0%	621	7.7%	11.7%	16.2%	64.4%

Table 5 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022

Jurisdiction of Current Residence	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Anne Arundel	1,449	1,060	73.2%	91.3%	8,785
Baltimore City	10,471	7,887	75.3%	87.5%	9,660
Baltimore	3,814	2,836	74.4%	90.5%	9,300
Carroll	173	132	76.3%	89.4%	8,836
Harford	537	373	69.5%	89.3%	27,595
Howard	745	573	76.9%	91.1%	3,090
Queen Anne's	56	45	80.4%	93.3%	262
Total	17,245	12,906	74.8%	88.8%	9,320

Section V – By Age

Table 6 – Reported HIV Diagnoses during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2022

Age at HIV Diagnosis	Population	Reported HIV Diagnoses						First CD4 Test Result	
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	% with Test	Median Count
<5 (Pediatric)	162,250	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	280,263	0	0.0%	0.0	--	--	--	--	--
13-19	250,042	19	5.5%	7.6	89.5%	31.6%	***	100.0%	451
20-29	359,914	106	30.7%	29.5	84.9%	32.1%	11.3%	93.4%	409
30-39	408,873	105	30.4%	25.7	89.5%	41.9%	23.8%	98.1%	378
40-49	346,975	42	12.2%	12.1	90.5%	31.0%	***	100.0%	367
50-59	379,027	45	13.0%	11.9	84.4%	28.9%	40.0%	88.9%	282
60+	650,983	28	8.1%	4.3	92.9%	32.1%	32.1%	92.9%	375
Total	2,838,327	345	100.0%	12.2	87.8%	34.5%	22.0%	95.4%	385

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

*** Data withheld due to low population counts and/or small numbers.

Table 7 – People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022

Age on December 31, 2021	Population	Total People Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
<5 (Pediatric)	162,250	2	0.0%	1.2	81,125
5-12 (Pediatric)	280,263	15	0.1%	5.4	18,684
13-19	250,042	61	0.4%	24.4	4,099
20-29	359,914	1,141	6.6%	317.0	315
30-39	408,873	3,083	17.9%	754.0	133
40-49	346,975	2,979	17.3%	858.6	116
50-59	379,027	4,983	28.9%	1,314.7	76
60+	650,983	4,998	29.0%	767.8	130
Total	2,838,327	17,262	100.0%	608.2	164

Table 8 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022

Age on December 31, 2021	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	61	52	85.2%	685	3.8%	5.8%	9.6%	80.8%
20-29	1,141	868	76.1%	648	6.6%	8.2%	14.9%	70.4%
30-39	3,083	2,228	72.3%	644	9.2%	10.1%	14.6%	66.1%
40-49	2,979	2,071	69.5%	655	7.3%	10.2%	15.9%	66.5%
50-59	4,983	3,549	71.2%	616	7.9%	12.5%	16.2%	63.5%
60+	4,998	3,651	73.0%	592	7.2%	13.6%	17.6%	61.6%
Total	17,245	12,419	72.0%	621	7.7%	11.7%	16.2%	64.4%

Table 9 – Viral Load Test Results during 2021 for People Living with Diagnosed HIV, Alive on December 31, 2021, by Age on December 31, 2021, Reported through June 30, 2022

Age on December 31, 2021	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
13-19	61	53	86.9%	75.5%	6,050
20-29	1,141	882	77.3%	78.5%	9,790
30-39	3,083	2,268	73.6%	81.8%	11,800
40-49	2,979	2,185	73.3%	89.3%	8,875
50-59	4,983	3,751	75.3%	91.0%	9,310
60+	4,998	3,767	75.4%	93.0%	5,020
Total	17,245	12,906	74.8%	88.8%	9,320

Section VI – By Demographics

Table 10 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Population Aged 13+	Reported HIV Diagnoses among People Aged 13+							
		No.	% of Total	Rate	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result	
								% with Test	Median Count
Sex at Birth	1,247,329	81	23.5%	6.5	95.1%	44.4%	22.2%	98.8%	429
Female	1,148,485	264	76.5%	23.0	85.6%	31.4%	22.0%	94.3%	380
Male	2,395,814	345	100.0%	14.4	87.8%	34.5%	22.0%	95.4%	385
Gender									
Cisgender Man or Boy	1,148,485	254	73.6%	22.1	85.4%	31.9%	22.4%	94.1%	377
Cisgender Woman or Girl	1,247,329	79	22.9%	6.3	96.2%	44.3%	22.8%	98.7%	439
Transgender Woman or Girl	--	10	2.9%	0.0	***	***	***	***	***
Transgender Man or Boy	--	2	0.6%	0.0	***	***	***	***	***
Another Gender Identity	--	0	0.0%	0.0	--	--	--	--	--
Race/Ethnicity									
Hispanic	137,615	30	8.7%	21.8	93.3%	36.7%	20.0%	96.7%	334
Non-Hispanic	2,258,199	315	91.3%	13.9	87.3%	34.3%	22.2%	95.2%	396
American Indian/Alaska Native, only	6,070	0	0.0%	0.0	--	--	--	--	--
Asian, only	146,717	3	0.9%	2.0	***	***	***	***	***
Black, only	697,075	257	74.5%	36.9	86.4%	34.6%	21.4%	94.9%	408
Native Hawaiian/Other Pacific Islander, only	1,170	1	0.3%	85.5	***	***	***	***	***
White, only	1,358,999	46	13.3%	3.4	89.1%	30.4%	23.9%	95.7%	354
Multiracial/Other	48,169	8	2.3%	16.6	100.0%	***	***	100.0%	297
Total	2,395,814	345	100.0%	14.4	87.8%	34.5%	22.0%	95.4%	385
Country of Birth									
United States	2,081,842	307	89.0%	14.7	87.6%	34.5%	20.2%	95.4%	394
Foreign-Born	276,984	26	7.5%	9.4	96.2%	34.6%	46.2%	100.0%	287
Africa	--	14	4.1%	--	100.0%	35.7%	42.9%	100.0%	318
Asia	--	3	0.9%	--	***	***	***	***	***
Caribbean	--	0	0.0%	--	--	--	--	--	--
Central America	--	5	1.4%	--	***	***	***	100.0%	223
Other	--	4	1.2%	--	***	***	***	***	***
Unknown	--	12	3.5%	--	75.0%	***	***	83.3%	582
Total	2,358,826	345	100.0%	14.6	87.8%	34.5%	22.0%	95.4%	385

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2020 American Community Survey.

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

*** Data withheld due to low population counts and/or small numbers.

Table 11 – Reported HIV Diagnoses, among People Aged 13+ during 2021 by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022

Reported HIV Diagnoses among People Aged 13+								
Race/Ethnicity	Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	66,700	8	9.9%	12.0	70,915	22	8.3%	31.0
Non-Hispanic	1,180,628	73	90.1%	6.2	1,077,570	242	91.7%	22.5
American Indian/Alaska Native, only	3,118	0	0.0%	0.0	2,952	0	0.0%	0.0
Asian, only	76,802	***	***	***	69,915	***	***	***
Black, only	381,611	59	72.8%	15.5	315,463	198	75.0%	62.8
Native Hawaiian/Other Pacific Islander, only	648	***	***	***	522	***	***	***
White, only	693,041	14	17.3%	2.0	665,958	32	12.1%	4.8
Multiracial/Other	25,409	0	0.0%	0.0	22,760	8	3.0%	35.2
Total	1,247,329	81	100.0%	6.5	1,148,485	264	100.0%	23.0

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United State Census population estimates.

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

*** Data withheld due to low population counts and/or small numbers.

Table 12 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Population Aged 13+	Total People Aged 13+ Living with Diagnosed HIV			
		No.	% of Total	Rate	Ratio (1 in X)
Sex at Birth					
Female	1,247,329	5,885	34.1%	471.8	212
Male	1,148,485	11,360	65.9%	989.1	101
Gender					
Cisgender Man or Boy	1,148,485	11,119	64.5%	968.1	103
Cisgender Woman or Girl	1,247,329	5,868	34.0%	470.4	213
Transgender Woman or Girl	--	241	1.4%	--	--
Transgender Man or Boy	--	17	0.1%	--	--
Another Gender Identity	--	0	0.0%	--	--
Race/Ethnicity					
Hispanic	137,615	881	5.1%	640.2	156
Non-Hispanic	2,258,199	16,364	94.9%	724.6	138
American Indian/Alaska Native, only	6,070	7	0.0%	115.3	867
Asian, only	146,717	114	0.7%	77.7	1,287
Black, only	697,075	13,105	76.0%	1,880.0	53
Native Hawaiian/Other Pacific Islander, only	1,170	1	0.0%	85.5	1,170
White, only	1,358,999	2,153	12.5%	158.4	631
Multiracial/Other	48,169	984	5.7%	2,042.8	49
Total	2,395,814	17,245	100.0%	719.8	139
Country of Birth					
United States	2,081,842	15,680	90.9%	753.2	133
Foreign-Born	276,984	1,100	6.4%	397.1	252
Africa	--	603	3.5%	--	--
Asia	--	104	0.6%	--	--
Caribbean	--	85	0.5%	--	--
Central America	--	205	1.2%	--	--
Other	--	103	0.6%	--	--
Unknown	--	465	2.7%	--	--
Total	2,358,826	17,245	100.0%	731.1	137

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United States Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2020 American Community Survey.

Table 13 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022

Total People Aged 13+ Living with Diagnosed HIV								
Race/Ethnicity	Sex at Birth							
	Female				Male			
	Population 13+	No.	% of Total	Rate	Population 13+	No.	% of Total	Rate
Hispanic	66,700	211	3.6%	316.3	70,915	670	5.9%	944.8
Non-Hispanic	1,180,628	5,674	96.4%	480.6	1,077,570	10,690	94.1%	992
American Indian/Alaska Native, only	3,118	***	***	***	2,952	***	***	***
Asian, only	76,802	29	0.5%	37.8	69,915	85	0.7%	121.6
Black, only	381,611	4,878	82.9%	1,278.30	315,463	8,227	72.4%	2,607.90
Native Hawaiian/Other Pacific Islander, only	648	***	***	***	522	***	***	***
White, only	693,041	451	7.7%	65.1	665,958	1,702	15.0%	255.6
Multiracial/Other	25,409	312	5.3%	1,227.90	22,760	672	5.9%	2,952.60
Total	1,247,329	5,885	100.0%	471.8	1,148,485	11,360	100.0%	989.1

Note. Population data by sex at birth, age, and race/ethnicity are from the 2021 United States Census population estimates.

*** Data withheld due to low population counts and/or small numbers.

Table 14 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Female	5,885	4,302	73.1%	664	7.3%	10.6%	13.9%	68.2%
Male	11,360	8,117	71.5%	600	7.9%	12.3%	17.4%	62.4%
Gender								
Cisgender Man or Boy	11,119	7,927	71.3%	598	7.9%	12.3%	17.5%	62.3%
Cisgender Woman or Girl	5,868	4,288	73.1%	664	7.3%	10.6%	13.9%	68.3%
Transgender Woman or Girl	241	190	78.8%	707	7.9%	11.1%	11.6%	69.5%
Transgender Man or Boy	17	14	82.4%	721	7.1%	0.0%	28.6%	64.3%
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	881	614	69.7%	622	9.1%	9.6%	17.4%	63.8%
Non-Hispanic	16,364	11,805	72.1%	621	7.6%	11.8%	16.1%	64.5%
American Indian/Alaska Native, only	7	***	***	***	***	***	***	***
Asian, only	114	79	69.3%	536	1.3%	21.5%	17.7%	59.5%
Black, only	13,105	9,498	72.5%	620	7.8%	11.8%	15.9%	64.5%
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	***	***	***	***
White, only	2,153	1,496	69.5%	639	6.4%	11.2%	16.2%	66.3%
Multiracial/Other	984	729	74.1%	602	9.2%	11.5%	18.2%	61.0%
Country of Birth								
United States	15,680	11,336	72.3%	618	8.0%	11.8%	16.1%	64.1%
Foreign-Born	1,100	752	68.4%	627	4.9%	10.9%	18.8%	65.4%
Africa	603	415	68.8%	607	5.1%	9.4%	18.8%	66.7%
Asia	104	68	65.4%	543	1.5%	20.6%	20.6%	57.4%
Caribbean	85	63	74.1%	638	4.8%	14.3%	15.9%	65.1%
Central America	205	142	69.3%	650	7.7%	10.6%	19.0%	62.7%
Other	103	64	62.1%	680	1.6%	7.8%	18.8%	71.9%
Unknown	465	331	71.2%	696	3.0%	10.3%	13.3%	73.4%
Total	17,245	12,419	72.0%	621	7.7%	11.7%	16.2%	64.4%

*** Data withheld due to low population counts and/or small numbers.

Table 15 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2022

Demographic Characteristics	Total People Aged 13+ Living with Diagnosed HIV				
	No.	Recent Viral Load Test Result			Median Unsuppressed Viral Load
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Female	5,885	4,522	76.8%	88.9%	7,721
Male	11,360	8,384	73.8%	88.7%	10,250
Gender					
Cisgender Man or Boy	11,119	8,191	73.7%	88.9%	10,500
Cisgender Woman or Girl	5,868	4,509	76.8%	88.9%	7,676
Transgender Woman or Girl	241	193	80.1%	78.2%	8,025
Transgender Man or Boy	17	13	76.5%	92.3%	703,000
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	881	632	71.7%	91.6%	5,110
Non-Hispanic	16,364	12,274	75.0%	88.6%	9,405
American Indian/Alaska Native, only	7	***	***	***	***
Asian, only	114	87	76.3%	100.0%	--
Black, only	13,105	9,830	75.0%	87.9%	9,311
Native Hawaiian/Other Pacific Islander, only	1	***	***	***	***
White, only	2,153	1,584	73.6%	91.9%	23,250
Multiracial/Other	984	770	78.3%	89.7%	4,010
Country of Birth					
United States	15,680	11,796	75.2%	88.3%	9,660
Foreign-Born	1,100	770	70.0%	93.6%	2,640
Africa	603	419	69.5%	92.6%	2,210
Asia	104	74	71.2%	100.0%	--
Caribbean	85	61	71.8%	96.7%	437,500
Central America	205	150	73.2%	93.3%	1,785
Other	103	66	64.1%	90.9%	27,770
Unknown	465	340	73.1%	92.1%	8,040
Total	17,245	12,906	74.8%	88.8%	9,320

*** Data withheld due to low population counts and/or small numbers.

Table 16 – Females Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022

Total Females Living with Diagnosed HIV						
Age on December 31, 2021		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	25,179	68,002	95,963	27,493	216,636
	Number	0	6	2	1	9
	Rate	0.0	8.8	2.1	3.6	4.2
	Ratio (1 in X)	--	11,334	47,982	27,493	24,071
13-19	Population	11,251	39,517	57,641	14,415	122,825
	Number	0	21	0	1	22
	Rate	0.0	53.1	0.0	6.9	17.9
	Ratio (1 in X)	--	1,882	--	14,415	5,583
20-29	Population	13,076	59,971	88,705	17,910	179,662
	Number	19	217	12	10	258
	Rate	145.3	361.8	13.5	55.8	143.6
	Ratio (1 in X)	688	276	7,392	1,791	696
30-39	Population	14,187	67,822	107,082	20,970	210,061
	Number	38	606	80	51	775
	Rate	267.9	893.5	74.7	243.2	368.9
	Ratio (1 in X)	373	112	1,339	411	271
40-49	Population	12,537	57,363	90,369	18,819	179,088
	Number	55	963	108	86	1,212
	Rate	438.7	1,678.8	119.5	457.0	676.8
	Ratio (1 in X)	228	60	837	219	148
50-59	Population	7,951	59,514	113,986	14,439	195,890
	Number	57	1,614	148	93	1,912
	Rate	716.9	2,712.0	129.8	644.1	976.1
	Ratio (1 in X)	139	37	770	155	102
60+	Population	7,698	97,424	235,258	19,423	359,803
	Number	42	1,457	103	104	1,706
	Rate	545.6	1,495.5	43.8	535.4	474.1
	Ratio (1 in X)	183	67	2,284	187	211
Total Females by Race/Ethnicity	Population	91,879	449,613	789,004	133,469	1,463,965
	Number	211	4,884	453	346	5,894
	Rate	229.6	1,086.3	57.4	259.2	402.6
	Ratio (1 in X)	435	92	1,742	386	248

Table 17 – Males Living with Diagnosed HIV by Age on December 31, 2021 and Race/Ethnicity, Alive on December 31, 2021, and Reported through June 30, 2022

Total Males Living with Diagnosed HIV						
Age on December 31, 2021		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	26,558	69,953	101,015	28,351	225,877
	Number	1	5	1	1	8
	Rate	3.8	7.1	1.0	3.5	3.5
	Ratio (1 in X)	26,558	13,991	101,015	28,351	28,235
13-19	Population	11,668	40,184	60,866	14,499	127,217
	Number	4	32	3	0	39
	Rate	34.3	79.6	4.9	0.0	30.7
	Ratio (1 in X)	2,917	1,256	20,289	--	3,262
20-29	Population	13,396	56,423	93,081	17,352	180,252
	Number	77	706	56	44	883
	Rate	574.8	1,251.3	60.2	253.6	489.9
	Ratio (1 in X)	174	80	1,662	394	204
30-39	Population	15,760	56,534	107,940	18,578	198,812
	Number	165	1,748	234	161	2,308
	Rate	1,047.0	3,091.9	216.8	866.6	1,160.9
	Ratio (1 in X)	96	32	461	115	86
40-49	Population	14,397	46,781	89,978	16,731	167,887
	Number	160	1,195	286	126	1,767
	Rate	1,111.3	2,554.5	317.9	753.1	1,052.5
	Ratio (1 in X)	90	39	315	133	95
50-59	Population	8,850	49,614	111,730	12,943	183,137
	Number	161	2,128	562	220	3,071
	Rate	1,819.2	4,289.1	503.0	1,699.8	1,676.9
	Ratio (1 in X)	55	23	199	59	60
60+	Population	6,844	65,927	202,363	16,046	291,180
	Number	103	2,418	561	210	3,292
	Rate	1,505.0	3,667.7	277.2	1,308.7	1,130.6
	Ratio (1 in X)	66	27	361	76	88
Total Males by Race/Ethnicity	Population	97,473	385,416	766,973	124,500	1,374,362
	Number	671	8,232	1,703	762	11,368
	Rate	688.4	2,135.9	222.0	612.0	827.1
	Ratio (1 in X)	145	47	450	163	121

Section VII – By HIV Exposure Category

Table 18 – Reported HIV Diagnoses, among People Aged 13+ during 2021, Linked to Care, Viral Suppression, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022

Estimated or Reported Exposure Category	Reported HIV Diagnoses among People Aged 13+							
	No.	% of Total	% Linked to Care	% Virally Suppressed - 6 months	% Late HIV Diagnoses	First CD4 Test Result % with Test	Median Count	
Male-to-male Sexual Contact (MMSC)	189	54.6%	86.0%	33.7%	18.4%	95.5%	385	
Injection Drug Use (IDU)	29	8.3%	84.6%	***	***	88.1%	409	
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	1.9%	73.4%	***	***	76.6%	224	
Heterosexual Contact (HET)	122	35.2%	92.2%	39.2%	28.3%	97.9%	382	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
Total	345	100.0%	87.8%	34.5%	22.0%	95.4%	385	
Female Estimated or Reported Exposure Category								
Injection Drug Use (IDU)	10	12.6%	80.4%	***	***	100.0%	330	
Heterosexual Contact (HET)	71	87.4%	97.2%	***	***	98.6%	438	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
Total	81	100.0%	95.1%	44.4%	22.2%	98.8%	429	
Male Estimated or Reported Exposure Category								
Male-to-male Sexual Contact (MMSC)	189	71.4%	86.0%	33.7%	18.4%	95.5%	385	
Injection Drug Use (IDU)	18	6.9%	86.9%	***	***	81.4%	419	
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	6	2.4%	73.4%	***	***	76.6%	224	
Heterosexual Contact (HET)	51	19.2%	85.2%	26.2%	36.2%	96.9%	331	
Perinatal Transmission	0	0.0%	--	--	--	--	--	
Other Exposure	0	0.0%	--	--	--	--	--	
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--	
Total	264	100.0%	85.6%	31.4%	22.0%	94.3%	380	

Note. Data for 2021 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category estimates are rounded to whole numbers after percentages are calculated. This may be more noticeable in the precision of estimates calculated for small numbers of people. Median count is weighted based on statistical adjustment. Exposure category is based on sex at birth. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

*** Data withheld due to low population counts and/or small numbers.

Data for 2020 and 2021 should be interpreted with caution due to the impact of the COVID-19 pandemic on access to HIV testing and care-related services.

Table 19 – People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2022

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV	
	No.	% of Total
Male-to-male Sexual Contact (MMSC)	6,352	36.8%
Injection Drug Use (IDU)	3,839	22.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	736	4.3%
Heterosexual Contact (HET)	5,998	34.8%
Perinatal Transmission	252	1.5%
Other Exposure	27	0.2%
No Estimated or Reported Exposure	40	0.2%
Total	17,245	100.0%

Female Estimated or Reported Exposure Category		
Injection Drug Use (IDU)	1,608	27.3%
Heterosexual Contact (HET)	4,095	69.6%
Perinatal Transmission	147	2.5%
Other Exposure	11	0.2%
No Estimated or Reported Exposure	24	0.4%
Total	5,885	100.0%

Male Estimated or Reported Exposure Category		
Male-to-male Sexual Contact (MMSC)	6,352	55.9%
Injection Drug Use (IDU)	2,231	19.6%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	736	6.5%
Heterosexual Contact (HET)	1,903	16.8%
Perinatal Transmission	105	0.9%
Other Exposure	16	0.1%
No Estimated or Reported Exposure	16	0.1%
Total	11,360	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category is based on sex at birth. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 20 – People Aged 13+ Living with Diagnosed HIV by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2021, and Reported through June 30, 2022

Estimated or Reported Exposure Category	Total People Aged 13+ Living with Diagnosed HIV					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MMSC)	446	50.6%	4,185	31.9%	1,253	58.2%
Injection Drug Use (IDU)	86	9.8%	3,158	24.1%	373	17.3%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	29	3.3%	542	4.1%	104	4.8%
Heterosexual Contact (HET)	309	35.0%	4,955	37.8%	398	18.5%
Perinatal Transmission	7	0.8%	222	1.7%	11	0.5%
Other Exposure	1	0.1%	11	0.1%	13	0.6%
No Estimated or Reported Exposure	3	0.3%	33	0.3%	1	0.0%
Total	881	100.0%	13,106	100.0%	2,153	100.0%

Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	39	18.5%	1,257	25.8%	197	43.7%
Heterosexual Contact (HET)	167	79.1%	3,458	70.9%	248	55.0%
Perinatal Transmission	3	1.4%	134	2.7%	4	0.9%
Other Exposure	0	0.0%	8	0.2%	2	0.4%
No Estimated or Reported Exposure	2	0.9%	21	0.4%	0	0.0%
Total	211	100.0%	4,878	100.0%	451	100.0%

Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MMSC)	446	66.5%	4,185	50.9%	1,253	73.6%
Injection Drug Use (IDU)	47	7.0%	1,901	23.1%	176	10.4%
Male-to-male Sexual Contact and Injection Drug Use (MMSC/IDU)	29	4.4%	542	6.6%	104	6.1%
Heterosexual Contact (HET)	142	21.1%	1,497	18.2%	150	8.8%
Perinatal Transmission	4	0.6%	88	1.1%	7	0.4%
Other Exposure	1	0.1%	3	0.0%	11	0.6%
No Estimated or Reported Exposure	1	0.1%	12	0.1%	1	0.1%
Total	670	100.0%	8,228	100.0%	1,702	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Exposure category is based on sex at birth. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Gender Diverse People Supplement.

Table 21 – CD4 Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022

Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MMS)	6,352	4,607	72.5%	651	6.1%	9.5%	15.8%	68.5%
Injection Drug Use (IDU)	3,839	2,760	71.9%	547	10.1%	15.9%	18.5%	55.5%
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	736	543	73.7%	552	11.2%	14.2%	18.5%	56.2%
Heterosexual Contact (HET)	5,998	4,262	71.1%	650	6.9%	11.1%	14.8%	67.3%
Perinatal Transmission	252	196	77.8%	546	17.9%	10.7%	14.3%	57.1%
Other Exposure	27	20	74.1%	531	15.0%	10.0%	15.0%	60.0%
No Estimated or Reported Exposure	40	31	77.5%	574	12.9%	9.7%	12.9%	64.5%
Total	17,245	12,419	72.0%	621	7.7%	11.7%	16.2%	64.4%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

Table 22 – Viral Load Test Results during 2021 for People Aged 13+ Living with Diagnosed HIV, Alive on December 31, 2021, by Estimated or Reported Exposure Category, Reported through June 30, 2022

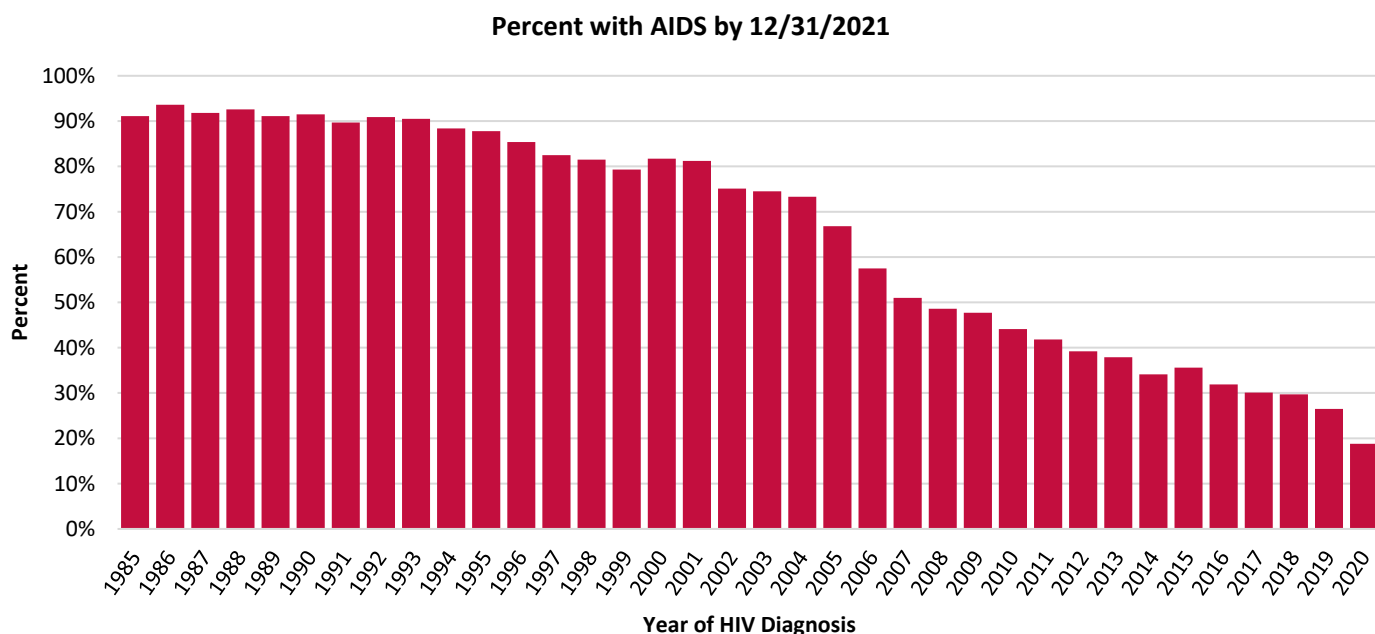
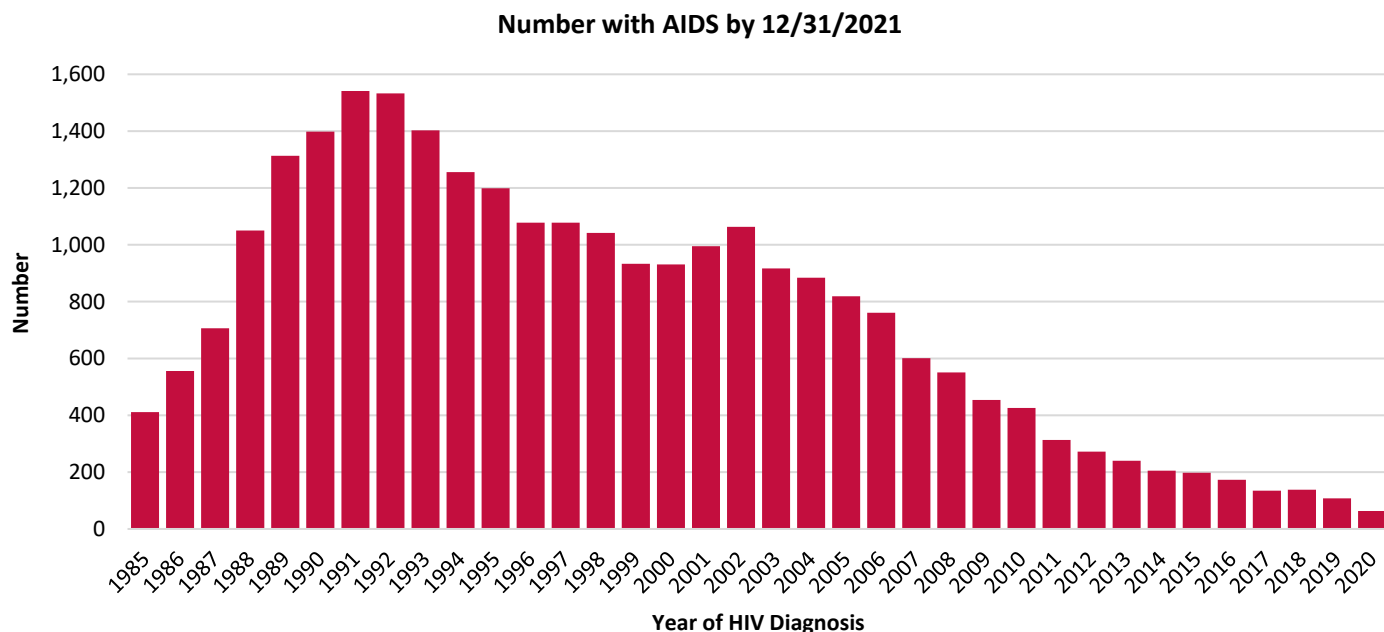
Estimated or Reported Exposure Category	Total People Aged 13+ with Living Diagnosed HIV				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed Viral Load
Male-to-male Sexual Contact (MMS)	6,352	4,778	75.2%	89.0%	9,740
Injection Drug Use (IDU)	3,839	2,874	74.8%	88.3%	11,350
Male-to-male Sexual Contact and Injection Drug Use (MMS/IDU)	736	566	76.9%	85.7%	8,910
Heterosexual Contact (HET)	5,998	4,428	73.8%	90.2%	8,360
Perinatal Transmission	252	208	82.5%	69.7%	8,180
Other Exposure	27	19	70.4%	100.0%	--
No Estimated or Reported Exposure	40	33	82.5%	72.7%	3,690
Total	17,245	12,906	74.8%	88.8%	9,320

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section VIII – Disease Progression and Mortality

Figure 10 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2020, Reported through June 30, 2022

Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, (Reported HIV Diagnoses among People Aged 13+), Number of People Aged 13+ with Diagnosed HIV with an AIDS Diagnosis by December 31, 2021 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis among People Aged 13+ by December 31, 2021, the Average Years from HIV Diagnosis to AIDS Diagnosis for People with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported HIV Diagnoses with a Reported AIDS Diagnosis among People Aged 13+ at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2020, Reported through June 30, 2022

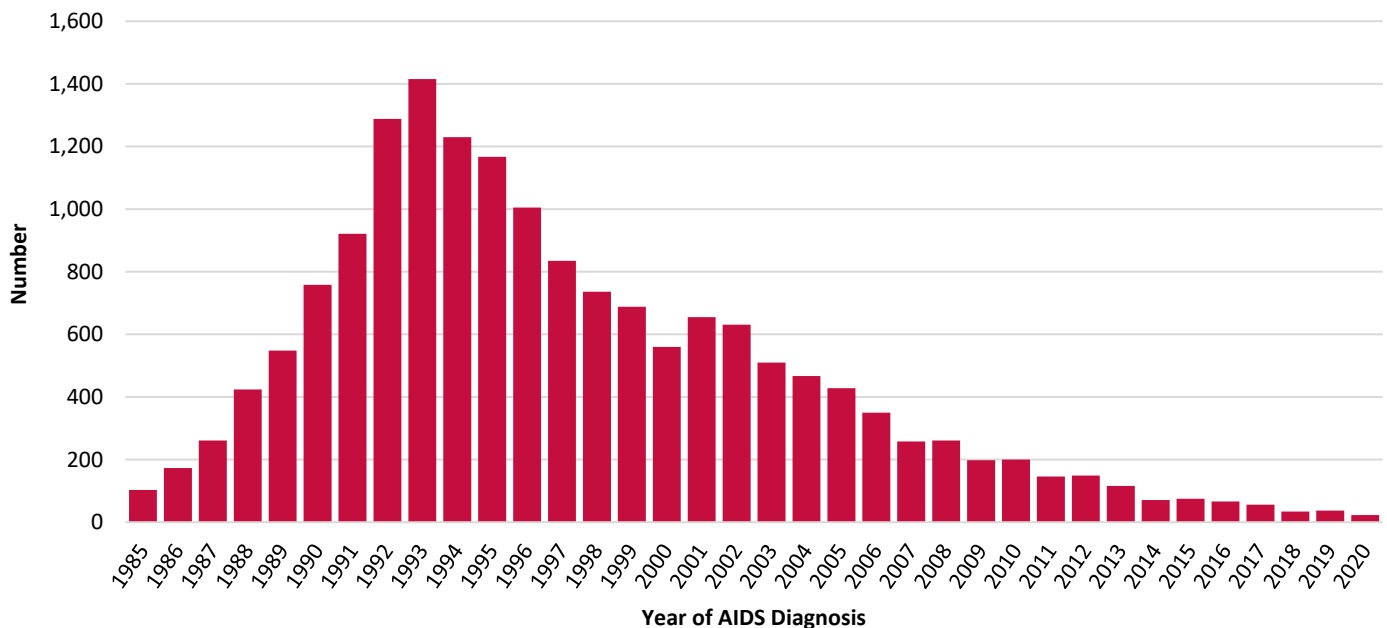


Reported HIV Diagnoses among People Aged 13+								
Year of HIV Diagnosis	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	239	230	96.2%	7.2	33.1%	33.1%	36.4%	67.4%
1985	451	411	91.1%	6.6	25.9%	27.5%	35.5%	74.5%
1986	594	556	93.6%	5.6	32.8%	33.8%	46.3%	80.3%
1987	769	706	91.8%	4.7	33.2%	36.7%	53.7%	82.2%
1988	1,134	1,050	92.6%	4.0	38.0%	41.8%	63.6%	86.0%
1989	1,442	1,313	91.1%	3.6	38.6%	44.2%	67.9%	83.6%
1990	1,528	1,398	91.5%	3.2	44.0%	50.9%	73.4%	85.3%
1991	1,717	1,541	89.7%	2.8	46.5%	56.0%	73.7%	84.2%
1992	1,686	1,533	90.9%	2.7	50.5%	59.1%	75.7%	84.6%
1993	1,551	1,403	90.5%	2.3	54.3%	62.9%	77.0%	86.0%
1994	1,421	1,256	88.4%	2.4	54.3%	62.1%	74.9%	83.1%
1995	1,366	1,199	87.8%	2.5	56.4%	62.1%	72.3%	82.1%
1996	1,262	1,078	85.4%	2.1	59.4%	64.3%	71.8%	80.7%
1997	1,306	1,078	82.5%	2.3	54.5%	59.6%	69.0%	77.6%
1998	1,279	1,042	81.5%	2.1	56.0%	59.9%	68.3%	76.8%
1999	1,176	933	79.3%	1.9	56.4%	60.5%	68.8%	75.4%
2000	1,139	931	81.7%	1.9	56.4%	60.8%	70.4%	78.0%
2001	1,225	995	81.2%	1.9	58.0%	62.2%	71.3%	76.9%
2002	1,415	1,063	75.1%	2.0	53.1%	56.7%	64.2%	70.8%
2003	1,231	917	74.5%	1.8	54.1%	58.1%	64.0%	70.9%
2004	1,206	884	73.3%	2.0	51.2%	55.3%	61.9%	69.0%
2005	1,226	819	66.8%	2.0	46.1%	49.3%	56.1%	63.3%
2006	1,323	761	57.5%	2.2	37.7%	40.0%	47.5%	54.3%
2007	1,178	601	51.0%	2.7	29.1%	32.3%	39.9%	47.5%
2008	1,134	551	48.6%	2.4	28.2%	31.7%	40.0%	45.9%
2009	952	454	47.7%	2.3	27.5%	30.8%	39.3%	45.7%
2010	965	426	44.1%	2.3	25.9%	28.7%	36.1%	42.9%
2011	749	313	41.8%	1.8	27.0%	30.8%	35.8%	41.3%
2012	693	272	39.2%	1.5	27.1%	29.7%	35.5%	--
2013	633	240	37.9%	1.3	28.6%	30.0%	34.3%	--
2014	602	205	34.1%	1.1	24.9%	28.1%	32.1%	--
2015	556	198	35.6%	1.1	25.9%	29.0%	33.1%	--
2016	542	173	31.9%	0.8	25.1%	27.3%	31.2%	--
2017	449	135	30.1%	0.7	24.7%	26.3%	--	--
2018	464	138	29.7%	0.5	26.1%	27.4%	--	--
2019	407	108	26.5%	0.4	23.6%	24.8%	--	--
2020	336	63	18.8%	0.2	17.6%	--	--	--
Total	37,346	26,974	72.2%	2.6	43.4%	47.9%	58.5%	67.7%

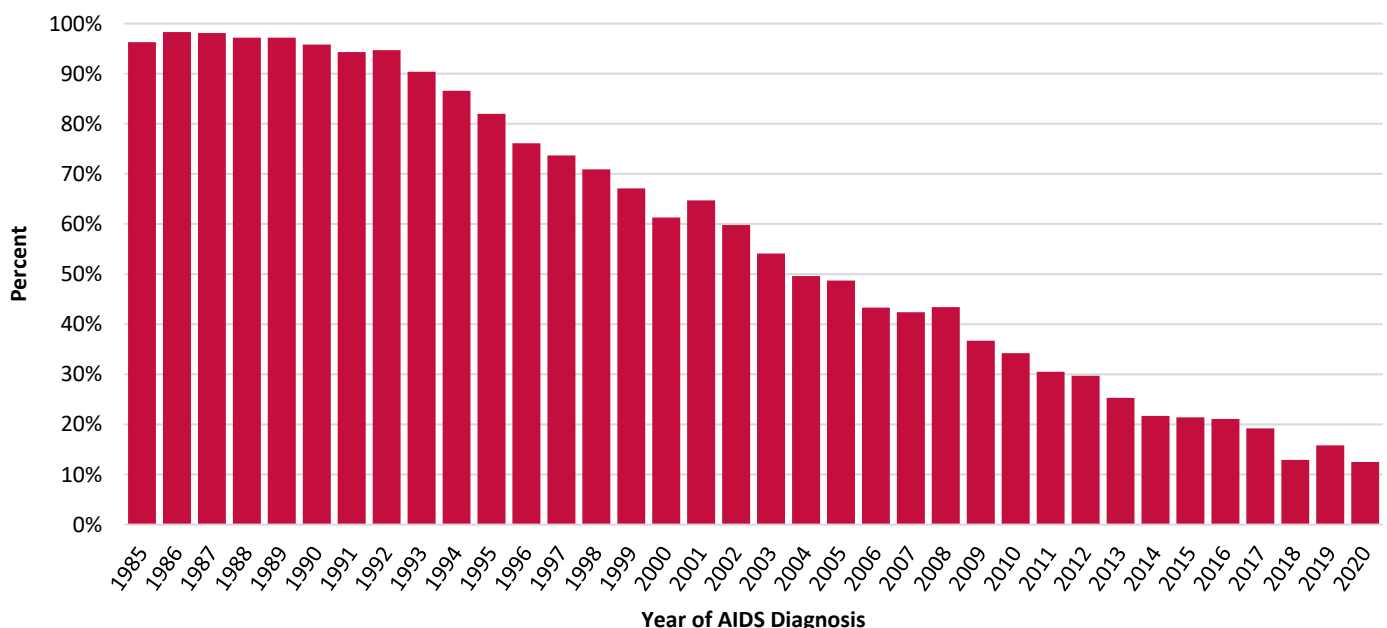
Figure 11 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2020, Reported through June 30, 2022

Number of People Aged 13+ with Diagnosed HIV, Aged 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2020 (Reported AIDS Diagnoses), Number of Reported AIDS Diagnosis among People Aged 13+ Reported to Have Died of Any Cause by December 31, 2021 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) among People Aged 13+ by December 31, 2021, the Average Years from AIDS Diagnosis to Death for People that have Died, and the Percent by Year of AIDS Diagnosis of Reported AIDS Diagnoses among People Aged 13+ Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2020, Reported through June 30, 2022

Number Deceased by 12/31/2021



Percent Deceased by 12/31/2021



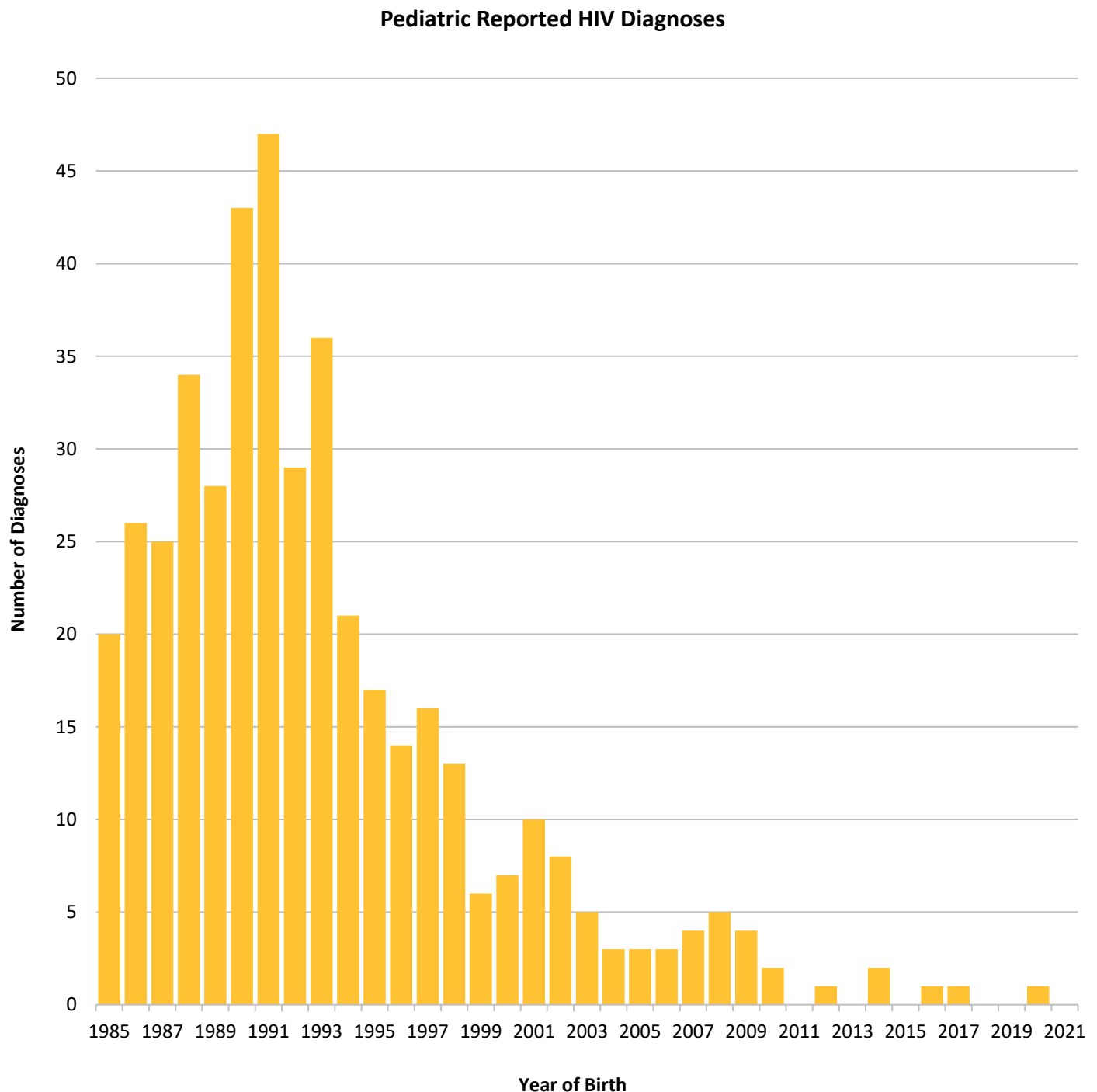
Year of AIDS Diagnosis	Reported AIDS Diagnoses among People Aged 13+							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Deceased	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	77	73	94.8%	2.5	53.2%	33.8%	16.9%	14.3%
1985	107	103	96.3%	1.9	43.0%	22.4%	9.3%	7.5%
1986	176	173	98.3%	2.6	54.0%	35.8%	14.8%	8.5%
1987	266	261	98.1%	2.3	62.0%	33.5%	11.3%	5.3%
1988	436	424	97.2%	2.5	59.2%	39.2%	14.2%	6.9%
1989	564	548	97.2%	2.8	60.6%	39.2%	15.6%	8.0%
1990	791	758	95.8%	3.2	66.0%	46.5%	20.0%	11.5%
1991	977	921	94.3%	3.0	67.7%	46.2%	18.1%	12.1%
1992	1,360	1,288	94.7%	3.3	70.4%	48.7%	20.1%	14.0%
1993	1,566	1,415	90.4%	4.2	77.8%	55.5%	32.3%	20.9%
1994	1,420	1,230	86.6%	4.3	77.5%	58.7%	38.0%	23.9%
1995	1,423	1,167	82.0%	5.7	78.6%	66.5%	49.3%	35.1%
1996	1,321	1,005	76.1%	6.1	81.8%	74.8%	57.5%	41.3%
1997	1,133	835	73.7%	6.6	85.3%	77.3%	60.8%	44.5%
1998	1,038	736	70.9%	6.7	87.1%	79.9%	63.9%	47.0%
1999	1,025	688	67.1%	6.3	87.1%	80.0%	64.2%	48.8%
2000	913	560	61.3%	6.1	86.2%	80.6%	65.2%	52.6%
2001	1,012	655	64.7%	5.8	85.7%	77.0%	62.3%	50.0%
2002	1,056	631	59.8%	6.4	88.4%	82.9%	70.3%	56.6%
2003	942	510	54.1%	5.3	84.0%	78.2%	67.1%	57.5%
2004	941	467	49.6%	5.5	87.5%	82.8%	72.1%	62.0%
2005	878	428	48.7%	5.9	88.5%	83.6%	74.1%	64.8%
2006	808	350	43.3%	5.0	88.2%	83.7%	74.3%	64.4%
2007	609	258	42.4%	4.9	88.3%	84.9%	76.0%	64.9%
2008	601	261	43.4%	5.0	89.0%	84.0%	75.2%	64.9%
2009	540	198	36.7%	4.3	91.1%	86.9%	78.0%	66.5%
2010	585	200	34.2%	4.1	90.8%	87.9%	80.5%	68.0%
2011	478	146	30.5%	4.3	94.1%	91.0%	82.0%	70.7%
2012	502	149	29.7%	3.5	90.6%	88.6%	80.3%	--
2013	458	116	25.3%	3.3	94.1%	90.2%	82.1%	--
2014	327	71	21.7%	2.5	90.8%	87.2%	83.8%	--
2015	350	75	21.4%	1.9	90.9%	87.7%	80.3%	--
2016	313	66	21.1%	1.7	91.1%	86.9%	80.2%	--
2017	292	56	19.2%	1.3	91.8%	86.3%	--	--
2018	264	34	12.9%	0.9	91.3%	89.4%	--	--
2019	234	37	15.8%	0.7	89.3%	84.6%	--	--
2020*	184	23	12.5%	0.4	89.7%	--	--	--
Total	25,967	16,916	65.1%	4.7	81.9%	71.5%	55.8%	45.1%

*2020 AIDS deaths are preliminary.

Section IX – Pediatrics

**Figure 12 – Trends in Reported HIV Diagnoses among People Aged <13, 1985-2021,
Reported through June 30, 2022**

Number of Pediatric HIV Diagnoses, Age <13 at HIV Diagnosis, (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Children with Diagnosed HIV, Age <13 at HIV Diagnosis, and Not Reported to have Died as of December 31st of Each Year (Total Living Pediatric Diagnoses) from 1985 through 2021, as Reported by Name through June 30, 2022



Year	Number of Pediatric Reported HIV Diagnoses				Total Pediatric Diagnoses Alive on December 31st of Each Year
	By Birth Year	By HIV Diagnosis Year	By AIDS Diagnosis Year	By Death Year	
<1985	25	2	1	0	--
1985	20	7	5	1	9
1986	26	8	6	4	13
1987	25	15	10	5	23
1988	34	24	15	4	43
1989	28	29	19	5	67
1990	43	38	18	5	100
1991	47	41	26	8	132
1992	29	50	29	9	173
1993	36	46	25	12	207
1994	21	30	19	12	225
1995	17	18	15	12	230
1996	14	20	11	14	238
1997	16	10	6	6	242
1998	13	15	10	3	253
1999	6	14	7	4	262
2000	7	9	2	0	271
2001	10	9	8	3	276
2002	8	4	4	4	277
2003	5	2	2	2	276
2004	3	5	4	3	279
2005	3	1	1	0	281
2006	3	5	4	2	285
2007	4	31	7	4	311
2008	5	8	7	3	316
2009	4	6	4	2	321
2010	2	1	7	4	318
2011	0	1	6	5	315
2012	1	2	3	3	314
2013	0	1	9	2	314
2014	2	3	3	0	318
2015	0	0	2	3	316
2016	1	1	5	3	312
2017	1	1	2	3	310
2018	0	2	5	2	310
2019	0	0	3	1	309
2020	1	1	0	1	309
2021	0	0	2	1	308
Total	460	460	312	155	--

Table 23 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Jurisdiction of Current Residence, Reported through June 30, 2022

Jurisdiction of Current Residence	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Anne Arundel	1	5.9%
Baltimore City	8	47.1%
Baltimore	4	23.5%
Carroll	1	5.9%
Harford	1	5.9%
Howard	2	11.8%
Queen Anne's	0	0.0%
Total	17	100.0%

Table 24 – People Aged <13 Living with Diagnosed HIV, Alive on December 31, 2021, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2022

Demographic Characteristic	Total People Aged <13 Living with Diagnosed HIV	
	No.	% of Total
Sex at Birth		
Female	9	52.9%
Male	8	47.1%
Race/Ethnicity		
Hispanic	1	5.9%
Non-Hispanic	16	94.1%
American Indian/Alaska Native, only	0	0.0%
Asian, only	1	5.9%
Black, only	11	64.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	3	17.6%
Multiracial/Other	1	5.9%
Total	17	100.0%

Glossary of Terms

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of people living with diagnosed HIV on the specified date.

Another Gender Identity: All other gender identities or gender expressions.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of people living with diagnosed HIV with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent CD4 test result.

Cisgender Man or Boy: A person whose sex assigned at birth is male and who identify as a man or boy.

Cisgender Woman or Girl: A person whose sex assigned at birth is female and who identify as a woman or girl.

Corrections: Residence in a state or federal prison in Maryland. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Female: A person whose sex assigned at birth is female.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent with Test: Percent of reported HIV diagnoses among people aged 13+ with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: People's outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: Refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

HIV Diagnosed: Number of people who have received an HIV diagnosis in a given time period, regardless of when they were first infected.

HIV Infected/Prevalence: Estimated number of people with HIV alive at a given time, regardless of when they were infected or whether they have received a diagnosis.

Heterosexual Contact (HET): Individuals who report a history of sexual contact with a person of the opposite sex who is known to be HIV positive or at increased risk for HIV transmission. Risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue, and artificial insemination.

Injection Drug Use (IDU): Individuals who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 3 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month after their initial HIV diagnosis.

Male: A person whose sex assigned at birth is male.

Mean Years from HIV Diagnosis: Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for people living with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median Count: Median CD4 count (cells per microliter), among total people aged 13+ living with diagnosed HIV, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among people aged 13+ living with diagnosed HIV of the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Male-to-male Sexual Contact (MMSC): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Male-to-male Sexual Contact/Injection Drug Use (MMSC/IDU): Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Other Exposure: Includes people who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year and not reported to have died as of December 31st of the specified year.

People Living with Diagnosed HIV: Reported HIV diagnoses not reported to have died as of December 31st of the specified year.

Percent Change: The percent change in number of total people aged 13+ living with diagnosed HIV from residence at diagnosis to current residence.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis: Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 3 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal Transmission: When HIV is passed from a person with childbearing potential living with HIV to the baby during pregnancy, childbirth (also called labor and delivery), or breastfeeding (through breast milk).

Population: Population estimate for July 1, 2021.

Population Aged 13+: Population age 13 years or older, estimate for July 1, 2021.

Rate: Number of people living with diagnosed HIV divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 person living with diagnosed HIV in the population, or 1 person living with diagnosed HIV in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported AIDS Diagnoses among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported HIV Diagnoses among People Aged 13+: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Residence at Diagnosis: Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

Suppressed Viral Load: HIV diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Suppressed Viral Load – 6 Months: HIV diagnosed with a viral load of less than 200 copies per milliliter measured in the first six months after HIV diagnosis.

Total People Aged 13+ Living with Diagnosed HIV: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year not reported to have died as of December 31st of the specified year.

Total People Aged <13 Living with Diagnosed HIV: Reported HIV diagnosis, age less than 13 years at HIV diagnosis and not reported to have died as of December 31st of the specified year.

Total People Living with Diagnosed HIV: Reported HIV diagnoses not reported to have died as of December 31st of the specified year.

Transgender Man or Boy: A person whose sex assigned at birth is female but who identify as a man or boy.

Transgender Woman or Girl: A person whose sex assigned at birth is male but who identify as a woman or girl.

Viral Load With Test: Number and percent of total people aged 13+ living with diagnosed HIV with a recent viral load test result.